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ABSTRACT

The report presents data on demographic, social and economic characteristics of 2.8 million persons 14 years of age and over who did farmwork for cash wages or salary in 1976, and summarizes some of the more pertinent changes in the size, composition, and employment patterns of hired farmworkers. Data, taken from a survey conducted by the Bureau of the Census as a supplementary part of the December 1976 Current Population Survey, include each State and the District of Columbia but not Puerto Rico or other U.S. territories. Tabular data are organized into three areas: characteristics of the 1976 hired farm working force; selected subgroups of hired farmworkers; and changing characteristics of the hired farm working force. Data indicate that: generally, hired farm workers were young (median age 23), white (74%), male (74%), and lived off the farm; approximately 11% were Hispanic, 14% were Black & Others, and 25% were women; during 1976, 24% of the Farm Working Force did only farm labor, 17% did non-farm work for most of the year, and 8% were migrants; the average annual wage for farm workers was $1,625. (EJ)

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The Hired Farm Working Force of 1976

Leslie Whitener Smith

Gene Rowe

United States Department of Agriculture
Economics, Statistics, and Cooperatives Service

Agricultural Economic Report No. 405

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THE HIRED FARM WORKING FORCE OF 1976. Leslie Whitener Smith and Gene Rowe. Economic Development Division, Economics, Statistics, and Cooperatives Service, U.S. Department of Agriculture. Agricultural Economic Report No. 405.

ABSTRACT

The 1976 Hired Farm Working Force Survey, conducted by the Bureau of the Census in December 1976, and reported and analysed in this report, indicates that 2.8 million persons 14 years of age and over did hired farmwork sometime during the year. The workers were predominately young (60 percent under 25 years) and male (75 percent). The majority (75 percent) were White, 11 percent were Hispanic, and 14 percent were Blacks and Others. The median education of workers 25 years and older was 10.1 years. Annual earnings in 1976 of all hired farmworkers averaged $2,860; $1,651 was earned for an average 86 days of hired farmwork; the remainder came from nonfarm employment. Approximately 213,000 persons (8 percent of the work force) were migrants in 1976.

Key words: Hired labor, agricultural labor, migrants, age, sex, wages, employment, education, Census, Standard Federal Regions.

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Washington, D.C. 20250 July 1978

HIGHLIGHTS

The 1976 Hired Farm Working Force Survey indicates that 2.8 million persons 14 years of age and over did hired farmwork sometime during the year. The workers were predominately young (60 percent under 25 years of age) and male (75 percent). The majority (75 percent) was White, 11 percent were Hispanic, and 14 percent were Blacks and Others. The median education of workers 25 years and older was 10.1 years.

Annual earnings in 1976 of all hired farmworkers averaged $2,860. Of this $1,651 was earned for an average 86 days of hired farmwork. The remainder came from nonfarm employment.

Approximately 213,000 persons (8 percent of the work force) were migrants in 1976. About 63 percent traveled 200 miles or more and 23 percent traveled 1,500 miles or more away from home. The [illegible]-distance migrants tended to be Hispanic and Black and Other workers. Annual earnings from farm employment of migrant workers averaged $1,807, for an average 82 days of farmwork.

Nearly a fourth of the Nation's hired farmworkers were located in Standard Federal Region (SFR) IV (the southeast) at the time of the survey in December 1976. Among the workers that were migrants, over three-fifths were located in the southeast and southwestern regions (SFRs IV, VI, and IX).

This was the second year the annual farmworker survey included racial/ethnic delineations for Whites, Hispanics, and Blacks and Others. It was the first year for inclusion of data on the ten SFRs, educational attainment, and longest distance traveled by migrant farmworkers.

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THE HIRED FARM WORKING FORCE OF 1976

Leslie Whitener Smith, Sociologist
Gene Rowe, Agricultural Statistician

INTRODUCTION

The 1976 Hired Farm Working Force survey shows that about 2.8 million persons 14 years of age and over did hired farmwork at some time during the year. The number of hired farmworkers has not changed significantly since 1971, when the hired farm working force numbered over 2.6 million persons. Since that time, annual employment of hired farmworkers appears to have stabilized after the long term downward trend of previous years (table 1).

This report presents data on the demographic, social, and economic characteristics of persons 14 years of age and over who did farmwork for cash wages or salary during 1976. The narrative highlights many of these characteristics and summarizes some of the more pertinent changes and trends in the size, composition, and employment patterns of hired farmworkers. Detailed information is presented in appendix A.

Data in this report are from the annual Hired Farm Working Force Survey conducted for the Economics, Statistics, and Cooperatives Service by the Bureau of the Census as a supplementary part of the December 1976 Current Population Survey (CPS). This sample of households includes each State and the District of Columbia, although it does not include Puerto Rico or other U.S. territories and possessions. Approximately 54,000 households were interviewed in December; about 1,740 contained persons who did hired farmwork at some time during 1976. Hired farmworker information obtained from these sample households was expanded to provide estimates of the total population of hired farmworkers.

The CPS is a probability sample survey and standard errors can be derived for each of the estimates. All statements of comparison appearing in the text, but not necessarily in the tables or figures, are significant at the 90 percent confidence level (1.6 standard errors) or higher unless otherwise indicated. Additional information on the survey coverage and reliability of estimates is presented in appendix B.

In 1976, the sample size of the CPS was increased from 47,000 to 54,000 interviewed households. One result of the increase in sample size is a decrease in the relative size of the standard errors of the estimates. This serves to strengthen the degree of confidence that can be placed in the accuracy of these estimates. In addition, the larger sample size permits the derivation of estimates for smaller geographical areas than was possible in previous years. Thus, for the first time, data are presented in this report on the number and characteristics of hired farmworkers by the ten Standard Federal Regions (SFR), as well as the four Census Regions.

The tabular part of the Hired Farm Working Force of 1976 contained in appendix A has been expanded and reorganized to provide additional data on the Nation's hired farmworkers. While there have been some changes in terminology, the concepts and definitions underlying these terms remain consistent with previous reports.

Table 1--Number of hired farmworkers, by duration of farmwork, 1945-76 1/

Year	Total	Duration of hired farmwork during the year				
		Less than 25 days	25-74 days	75-149 days	150-249 days	250 days or more
	Thousands					
1945.....	3,212	1,247	825	339	262	539
1946.....	2,770	817	749	340	312	552
1947.....	3,394	1,179	771	411	418	615
1948.....	3,752	1,250	904	597	381	620
1949.....	4,140	1,630	1,017	526	396	571
1950.....	4,342	2/	2/	2/	2/	2/
1951.....	3,274	1,118	925	379	301	551
1952.....	2,980	1,008	928	324	296	424
1954.....	3,009	1,101	756	318	364	470
1956.....	3,575	1,497	920	410	305	443
1957.....	3,962	1,762	1,044	501	256.	399
1958.....	4,212	1,893	2/	2/	2/	2/
1959.....	3,577	1,412	863	502	348	452
1960.....	3,693	1,531	868	465	390	438
1961.....	3,488	1,600	849	354	281	404
1962.....	3,622	1,555	933	408	284	442
1963.....	3,597	1,735	771	392	309	390
1964.....	3,370	1,369	924	413	326	338
1965.....	3,128	1,264	807	397	282	379
1966.....	2,763	1,130	717	339	211	367
1967.....	3,078	1,338	738	327	277	397
1968.....	2,919	1,299	731	308	256	324
1969.....	2,571	1,106	718	258	189	301
1970.....	2,488	1,093	623	293	172	306
1971.....	2,550	1,191	648	213	213	285
1972.....	2,809	1,130	663	361	288	367
1973.....	2,671	1,085	567	351	247	421
1974.....	2,737	1,169	619	308	274	367
1975.....	2,638	1,180	556	319	228	355
1976.....	2,767	1,145	652	347	290	333

Numbers of workers for 1959 and succeeding years are rounded to the nearest thousand without being adjusted to group totals.
1/ No survey conducted in 1953 and 1955.
2/ Data not available.

Explanations of terms used in this report are given in appendix C.

The statistical tables in appendix A are organized as follows: Tables A-1 through A-5 present a general overview of the social, economic, and employment characteristics of hired farmworkers by sex, racial/ethnic group, and duration of farmwork. Tables A-6 through A-11 contain earnings data by selected demographic, employment, and regional characteristics. Within these tables, data are provided separately for all workers, workers employed solely in hired farmwork during the year, and workers who did hired nonfarm work in addition to their farmwork. Tables A-12 through

A-15 contain information on daily and annual earnings from total, farm, and nonfarm employment sources. Finally, table A-16 presents selected data on migrant farmworkers by distance traveled to do farmwork.

CHARACTERISTICS OF THE 1976 HIRED FARM WORKING FORCE

Composition and Residence

As in previous years, hired farmworkers were predominately young, white, and male. The majority lived off the farm and more resided in the South than in any other region of the United States. Only two of every five hired farmworkers were heads of households; most were spouses and other family members. More specific findings on the composition and residence of the 1976 hired farm working force are:

- 60 percent of hired farmworkers were under 25 years of age; half of these were 14-17 years old.
- The median age of all hired farmworkers in 1976 was 23 years.
- 74 percent were White.
- The majority (74 percent) of farmworkers were male.
- 81 percent of the farmworkers lived off the farm at the time of the survey.
- The largest proportion (42 percent) resided in the South. 1/
- 39 percent of all farmworkers were heads of households; the remainder were spouses and other family members.

Education

Hired farmworkers have lower educational levels than most other occupational groups. In 1976, hired farmworkers 25 years and older had a median education of 10.1 years (table 2) compared to a median education of 12.4 years for all people 25 years and over. Educational attainment was even lower for some racial/ethnic groups of farmworkers. Hispanic farmworkers 25 years of age and over had completed only 5.4 years of schooling. Blacks and Others had only a slightly higher level with 7.9 median years of schooling. In comparison, White farmworkers

1/See page 11 for more detailed regional analysis.

Table 2--Schooling completed by hired farmworkers 25 years of age and over, by racial/ethnic groups 1976, 1/

Item	Unit	Whites	Hispanics	Blacks and Others	Total
Schooling completed:					
0-4 years	Percent	6	46	22	16
5-8 years	Percent	25	36	40	29
9-11 years	Percent	15	9	19	15
12 years	Percent	32	6	17	25
13 years and over	Percent	22	3	2	15
Total 2/	Percent	100	100	100	100
Median	Years	12.1	5.4	7.9	10.1
Number of workers	Thou.	723	176	231	1,130

1/ See footnote 2, page 4 for definitions of racial/ethnic categories.
2/ Percentages may not add to 100 due to rounding.

had a median education of 12.1 years. In 1976, only 9 percent of the Hispanic and 19 percent of the Black and Other farmworkers 25 years and over had completed high school, compared with 54 percent of the White farmworkers. 2/

Employment Characteristics

A large part of the hired farm working force consists of persons whose principal activity during the year is something other than hired farmwork. Many are students and housewives who do farmwork on a casual basis and earn relatively small amounts. In fact, many farmworkers work for only a few weeks or a month during times of peak labor demand, such as harvest periods. For example:

- 41 percent of all hired farmworkers worked on farms for less than 25 days (casual workers); while 37 percent worked between 25 and 149 days (seasonal workers); 10 percent worked between 150 and 249 days (regular workers); and 12 percent worked 250 days or more during the year (year-round workers). (The proportions of regular and year-round workers did not differ significantly.)
- 54 percent were not in the labor force most of the year, but instead kept house or attended school. The majority were students.
- Hired farmwork was the principal employment of only 24 percent of the farmworkers in 1976; 17 percent did nonfarm work for most of the year.
- 57 percent of all farmworkers were employed solely in hired farmwork during the year; the remainder also did some nonfarm work.

Man-Days of Farmwork

In 1976, hired farmworkers performed a total of 237 million man-days of farmwork 3/ (fig. 1). Regular and year-round workers accounted for 68 percent of the man-days of work, but comprised only 22 percent of the hired farm work force. In comparison, seasonal workers did 27 percent of the man-days of farmwork and accounted for 37 percent of the work force. Although casual workers accounted for 41 percent of all farmworkers, they accounted for only 5 percent of the man-days completed.

About 63 percent of the man-days of farmwork were performed by persons who cited hired farmwork as their year's principal employment activity. Students did about 21 percent of the farmwork and persons citing nonfarm work as their major activity contributed only 7 percent of all man-days of farmwork.

Farmworkers 18 to 24 years of age accounted for the largest proportion of man-days completed (31 percent) by any age group. Persons 14-17 years contributed 15 percent of the man-days of farmwork, and older workers 65 years and over accounted for only 4 percent.

Average Earnings from Farmwork and Days Worked

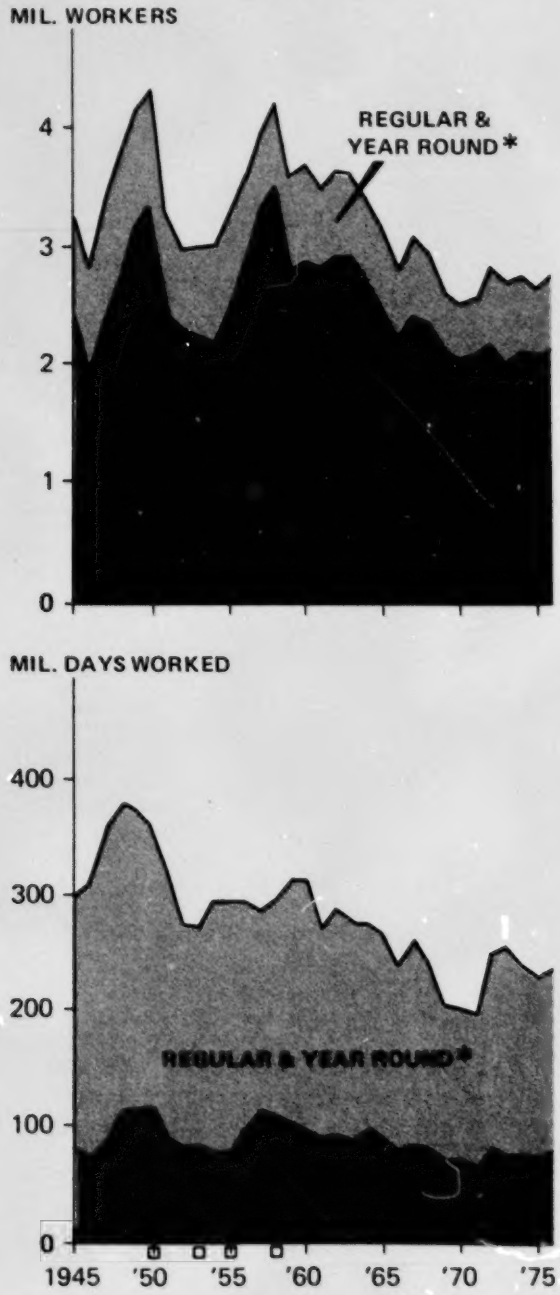
During 1976, hired farmworkers averaged $1,652 in annual farm earnings 4/ or an average $19.25 per day for 86 days of farmwork (table 3). Over half were employed solely in hired farmwork during the year and had no other source of earnings; they averaged $2,197 for 112 days of farmwork. About 43 percent of the hired farm work force also

2/Hispanic refers to all those who identified themselves as Mexican American, Chicano, Mexican, Mexicano, Puerto Rican, Cuban, Central or South American, or other Hispanic. White refers to White persons other than those of Hispanic origin. Black and Other includes Blacks, Indians, Chinese, Japanese, and others not of Hispanic origin. For simplicity of presentation, these mutually exclusive groups are termed Hispanic, White, and Black and Other. For more detail see Appendix C.

3/A person completing at least 1 hour of farmwork during the day is credited with a man-day of work.

4/All dollar earnings reported exclude the value of perquisites or fringe benefits furnished by employers.

HIRED FARMWORKERS AND MAN-DAYS WORKED



* *Worked 150 or more days.* ○ *Worked 25–149 days.*
△ *Worked less than 25 days.* □ *Interpolated (data not available).*

did some nonfarm work; they earned an average of $929 for 51 days of farmwork and $2,807 for 122 days of nonfarm work; their farm earnings comprised 25 percent of their total annual earnings.

Average days worked and earnings received also varied considerably by primary employment status 5/ (table 3). For example, persons who cited hired farmwork as their year's principal activity received an average of $4,783 in farm earnings for 221 days of farmwork. About 80 percent of these had no other source of earnings. In contrast, persons who did nonfarm work as their principal activity and supplemented their earnings with farmwork averaged only $623 for 35 days of farmwork; their farm earnings accounted for only 10 percent of their total earnings. Students, housewives, and others not in the labor force most of the year also worked fewer days and earned less in farm earnings than those citing hired farmwork as their primary employment status.

In addition:

- Casual workers earned $145 in farm earnings, or $15.05 a day for 10 days of farmwork.
- Seasonal workers employed from 25 to 74 days earned $724, averaging $16.20 a day for 45 days of work; workers employed from 75 to 149 days earned $1,898, averaging $17.95 a day for 106 days of farmwork.
- Regular workers earned $3,942 for 202 days of farmwork, at $19.50 per day.
- Year-round workers earned $6,392 for 305 days of farmwork, $20.95 a day. (These average daily earnings did not differ significantly from those of regular workers).

5/"Primary employment status" has been termed "chief activity" in previous reports. This new terminology does not imply a change of definition or concept.

Table 3—Hired farmworkers: Average annual earnings, by primary employment status, 1976

Primary employment status 1/	Total			With farm work only		With both farm and nonfarm work		
	Number	Total annual earnings	Annual farm earnings	Number	Annual farm earnings	Number	Total annual earnings	Annual farm earnings
	Thou.	--Dollars--		Thou.	Dollars	Thou.	--Dollars--	
Primarily in labor force	1,280	5,073	2,882	631	4,543	651	5,580	1,270
Hired farmwork	676	4,988	4,783	540	5,054	137	4,727	3,713
Other farmwork 2/	86	2,294	1,549	62	1,972	24	3/	3/
Nonfarm work	458	6,204	623	--	--	458	6,204	623
Unemployed	60	1,376	619	29	3/	32	3/	3/
Primarily not in labor force	1,486	953	591	945	631	541	1,516	521
Keeping house	244	817	524	172	588	72	1,365	370
Attending school	1,089	926	599	669	644	420	1,375	528
Other	153	1,366	643	104	625	49	3/	3/
All hired farmworkers	2,767	2,859	1,652	1,576	2,197	1,191	3,736	929

Number of workers may not add to totals due to rounding.
1/Refers to respondent's major or chief activity during the year. See appendix C.
2/Includes operating a farm and unpaid family labor.
3/Averages not shown where base is less than 50,000.

- Persons residing on farms averaged $2,114, or $17.30 per day for 122 days of farmwork; persons living in nonfarm places averaged $1,542, or $20.00 per day for 77 days of farmwork.

SELECTED SUBGROUPS OF HIRED FARMWORKERS

The socioeconomic characteristics of workers differ considerably among different subgroups of the hired farm working force. Men, women, youth, migrants, and other groups of workers, all vary by age, residence, number of days worked, and amount of earnings received. Some of the characteristics of these subgroups are summarized below.

Racial/Ethnic Groups

While hired farmworkers in 1976 were predominately White (74 percent), 11 percent were Hispanic and 14 percent were Blacks and Others. 6/ In general, the minority groups--Hispanics and Blacks and Others--were older (median ages of 29 for each group) than White farmworkers (median age of 22). While most (65 percent) White workers were young persons aged 14-24, over half of the Hispanic and Black and Other farmworkers were 25 years of age and over.

The age and sex pyramids shown in figure 2 suggest that as Whites become older, they tend to move out of farmwork into other types of activities. However, this pattern is less prevalent among Hispanic and Black and Other farmworkers. These groups have relatively large proportions of workers at the older levels, suggesting perhaps more limited access to other types of employment.

Larger proportions of minority workers were females. About 38 percent each of the Hispanic and the Black and Other farmworkers were female, compared with only 20 percent of the White workers. Also, almost all of the Hispanic farmworkers (93 percent) lived off the farm, compared with 80 percent of the White and 77 percent of the Black and Others. (The percentage of White farmworkers with nonfarm residence did not differ significantly from Blacks and Others).

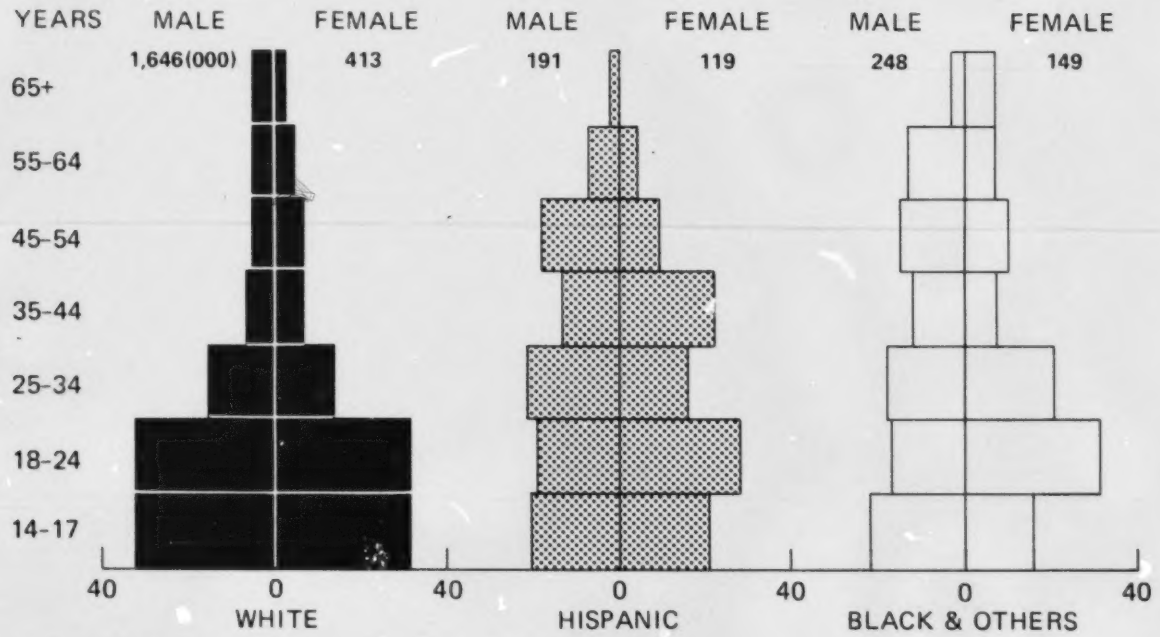
The economic and employment characteristics of hired farmworkers also varied by racial/ethnic group. Hispanics and Blacks and Others more often cited hired farmwork as their principal employment status and were more likely to be solely employed in farmwork during the year. However, Hispanic farmworkers were employed on farms for longer periods than other racial/ethnic groups and received higher annual farm earnings than either White or Black and Other farmworkers.

- 47 percent of the Hispanics, 32 percent of the Black and Others, and 20 percent of the White farmworkers cited hired farmwork as their principal employment status in 1976.
- In contrast, 45 percent of the Whites, 27 percent of the Blacks and Others, and 20 percent of the Hispanics were attending school most of the year.
- While 48 percent of the White hired farmworkers also had

6/The 1976 data for White and Black and Other farmworkers in this report, except data in table 7, are not comparable to racial data published in the hired farm working force series prior to 1975. In both the 1975 and 1976 annual reports, White, Hispanic, and Black and Others are three mutually exclusive groups. In previous reports, workers were classified into only two groups--White and Black and Other. Had previous year's definitions been used in 1975 and 1976, the majority of Hispanic workers would have been classified in the White group, but some would have been classifed in the Black and Other group. Even though the term "Spanish-origin" was used in the 1975 report instead of the currently used term, "Hispanic," the concepts are identical. See footnote 2, page 4 for definition of racial/ethnic categories.

HIRED FARMWORKERS, 1976

By Age, Sex, and Racial/Ethnic Group



See footnote 2, page 4 for definition of racial/ethnic categories.

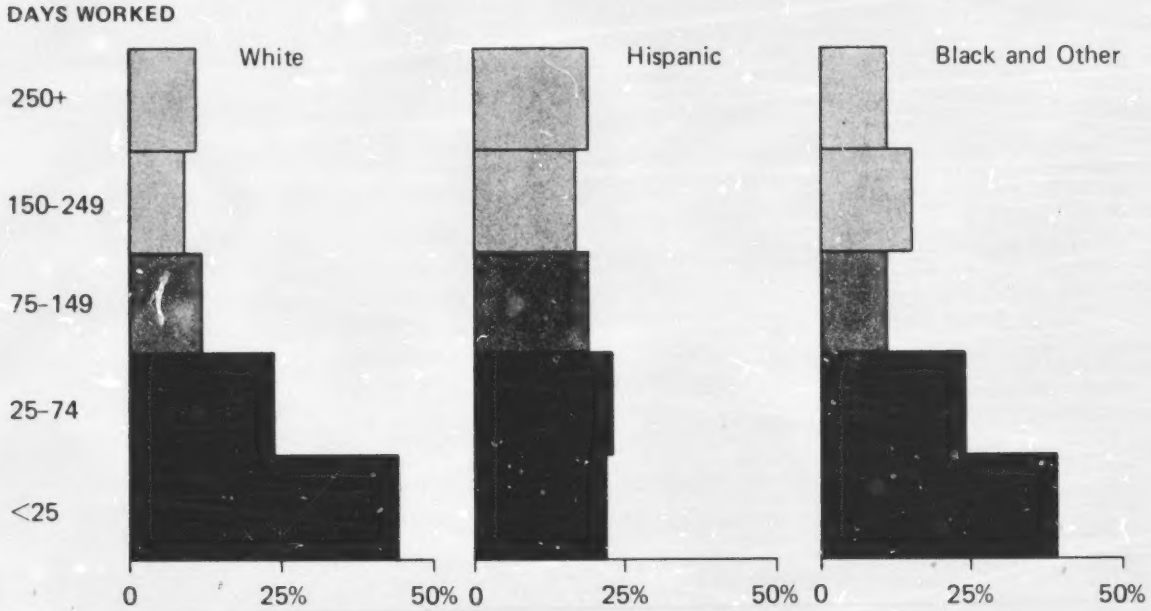
Figure 2

nonfarm employment, only 26 percent of the Hispanics and 31 percent of the Blacks and Others had nonfarm employment during 1976. (The percentage of Hispanics was not significantly different from Black and Other farmworkers).

- 44 percent of the Whites, 39 percent of the Blacks and Others, and 22 percent of the Hispanics did farmwork for less than 25 days in 1976 (fig. 3). (The percentages of Whites and Blacks and Others working for less than 25 days did not differ significantly.)
- Hispanic farmworkers averaged 124 days of farmwork, compared with an average 80 days for Whites and 87 days for Blacks and Others. (Average days worked by Whites and Blacks and Others did not differ significantly from each other.)
- Annual farm earnings of Hispanic workers averaged $2,830. These were significantly higher than averages of $1,502 for Whites and $1,506 for Blacks and Others. (Earnings of Whites and Black and Other farmworkers did not differ significantly.)
- Among farmworkers who were solely employed in farmwork, Hispanics received $3,264 in farm earnings, compared with $2,047 for Whites and $1,889 for Blacks and Others. (Earnings of White and Black and Other farmworkers were not significantly different.)
- Of those farmworkers who also had some nonfarm employment, Hispanics received an average $1,584 in annual farm earnings and $1,462 from nonfarm earnings; Whites received $908 from farmwork and $3,005 from nonfarm work; and Black and

HIRED FARMWORKERS, 1976

By Days of Farmwork and Racial/Ethnic Groups



See footnote 2, page 4, for definition of racial/ethnic categories.

Figure 3

Others averaged $674 and $2,109 in farm and nonfarm earnings, respectively.

Youth

In 1976, the majority (60 percent) of all hired farmworkers were under 25 years of age. Half of these were between 14 and 17 years. About 52 percent of the 14-17 year olds and 39 percent of the 18-24 years olds were casual workers doing less than 25 days of farmwork during the year. Also,

- Persons aged 14-17 years averaged $673 from all earnings sources. Those doing only farmwork (69 percent) averaged $556 from 46 days of farmwork. Those combining farm and nonfarm work averaged $932 from 98 days of work.
- Farmworkers 18 to 24 years of age averaged $3,193 from all sources. Those doing only farmwork during the year (42 percent) averaged $2,510 from 132 days of farmwork. Those combining farm and nonfarm work received an average of $3,706 from 182 days of work.
- Persons who were primarily students during the year earned an average of $923 from all sources. Those doing only farmwork (61 percent) averaged $644 for 51 days of farmwork. Those doing both farm and nonfarm work averaged $1,375 from 110 days of work.

Women

About one-fourth of all hired farmworkers in 1976 were women or girls. In general, most female hired farmworkers worked for only a few weeks during the year. A large proportion (74 percent) of the women were not in the labor force most of the year, but instead were students or housewives;

only 14 percent cited hired farmwork as their principal employment activity. In contrast, only 47 percent of the male farmworkers were not in the labor force while 28 percent did hired farmwork as their major activity. In addition, over half of the women did less than 25 days of farmwork during the year compared with 38 percent of male farmworkers. Because of these differences in employment characteristics, female farmworkers received smaller average annual farm earnings than their male counterparts. Female workers received $887 from 51 days of farmwork; male farmworkers averaged almost twice that amount, $1,901, from 97 days of farmwork.

Migrants

During the planting and harvesting season of many agricultural crops, the demand for labor sometimes exceeds the supply of farmworkers living in a local area. As a result, workers from other areas are needed to meet crop production and harvesting requirements.

In 1976, there were 213,000 farmworkers, 8 percent of the total, who traveled across county lines from their usual place of residence to stay overnight and do hired farmwork. Some of the characteristics of migrant farmworkers were:

- Nearly 60 percent of the migrants were less than 25 years of age.
- Almost one-third were students and were out of the work force most of the year.
- 72 percent were males.
- 31 percent of the migrants did less than 25 days of farmwork during the year; 84 percent did less than 150 days of farmwork in 1976.
- They earned an average of $1,807 from 82 days of farmwork.
- 57 percent of the migrants were White, 36 percent were Hispanic and 7 percent were Black and Others.
- About one half did both farm and nonfarm work. This group earned an average of $1,017 from farmwork and $3,025 from nonfarm work.
- 51 percent were employed only in farmwork during 1976; their annual earnings averaged $2,586.
- 39 percent (83,000) of all migrants were household heads.

Distances traveled by migrants in 1976 varied considerably. About 63 percent traveled 200 miles or more while 23 percent traveled 1,500 miles or more away from home 7/ (table 4). The short-distance migrants tended to be Whites, while those traveling long distances tended to be Hispanics and Blacks and Others. Around 37 percent of the White migrants traveled less than 75 miles to do farmwork, compared with only 3 percent of the Hispanic migrants. In contrast, 57 percent of the Hispanics migrated 1,500 miles or more while only 3 percent of the White migrants traveled this far. Data for Black and Other migrants were not large enough to allow examination by distance traveled.

Since 1960, the number of migrant workers on farms has decreased almost 50 percent (fig. 4), although this has not been a continous decline. In 1965, the number of migrants increased sharply to 466,000 workers. This rise probably represented a temporary adjustment to the termination of the Bracero Program, 8/ as farmers replaced foreign labor with domestic workers. Between 1965 and 1970, the number of

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7/Distance traveled included only the number of miles traveled from home to place of work and did not include travel to return home.

8/From 1951 until its termination on December 31, 1964, the Bracero Program (under Public Law 78) enabled Mexican nationals to enter the United States to do temporary farmwork. For additional information on this law and the effect of its termination on the size of the migrant work force see Robert C. McElroy and Earl E. Gavett, Termination of the Bracero Program: Some Effects on Farm Labor and Migrant Housing Needs, AER No. 77., Economic Research Service, U.S Department of Agriculture, June 1965 and U.S. Senate, Department of Agriculture and Related Agencies Appropriations, Part 4, Hearings before Subcommittee on Appropriations, 90th Congress, 1st Session, 1967.

Table 4--Migrant farmworkers: Distribution by racial/ethnic group and distance traveled to do farmwork, 1976

Mileage traveled	All workers		Racial/ethnic group 1/					
			Whites		Hispanics		Blacks and Others	
	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.
Under 75....	47	22	45	37	2	3	2/	3/
75-199.....	29	14	23	19	3	4	3	3/
200-399.....	39	19	24	20	14	18	1	3/
400-499.....	8	4	3	2	5	6	2/	3/
500-999.....	24	11	14	11	5	6	6	3/
1,000-1,499.	12	6	8	7	1	1	3	3/
1,500-1,999.	28	13	1	1	25	32	2	3/
Over 2,000..	22	10	3	2	19	25	2/	3/
Total.....	213	100	122	100	77	100	15	100

Numbers and percentages of workers may not add to totals due to rounding.
1/ See footnote 2, page 4 for definitions of racial/ethnic categories.
2/ Estimated number less than 500.
3/ Percentages not shown where base is less than 50,000 persons.

migrants steadily declined as greater efforts were made to develop and implement labor-saving technology in agricultural production. At the same time, government programs were developed to help migrants find alternatives to migrant farmwork. Other factors may also be involved in the decreasing size of the migrant work force. Since 1970, the number of migrants has remained relatively stable around 200,000.

Regional Subgroups

For the first time in this survey, data are available on the number and characteristics of hired farmworkers by the ten Standard Federal Regions (SFRs). States contained in these SFRs are shown in figure 5. The number of hired farmworkers appears to vary among regions by size of region, predominant type of farming, and length of the growing and harvesting seasons.

At the time of the annual survey in December 1976, nearly a fourth of the hired working force was located in the southeastern United States (SFR IV) (table 5). This region produces a significant proportion of the Nation's fruit, nuts, and vegetable crops; many of these crops are labor-intensive, requiring large numbers of workers for production and harvesting. SFR V and VI each accounted for 16 percent of the hired farmwork force. SFR IX included 12 percent of the hired farmworkers.

Racial/Ethnic Group. While the majority of farmworkers in all regions except SFR IX were White, the proportions of Hispanic and Black and Other farmworkers varied considerably in different areas (table 5). For example, in SFRs III and IV, Blacks and Others comprised relatively large proportions of the farm working force. About 20 percent of the workers in SFR III and 40 percent of those in SFR IV were Blacks and Others; Hispanics accounted for less than 2 percent of the farmworkers in these regions, and Whites comprised the remainder. The racial/ethnic composition of farmworkers in these areas differed significantly from regions in the Southwest and West, where greater proportions of the farm work force were Hispanic. In SFR VI, 28 percent of the farmworkers were

MIGRANT FARMWORKERS, 1960-1976

By Days of Farmwork

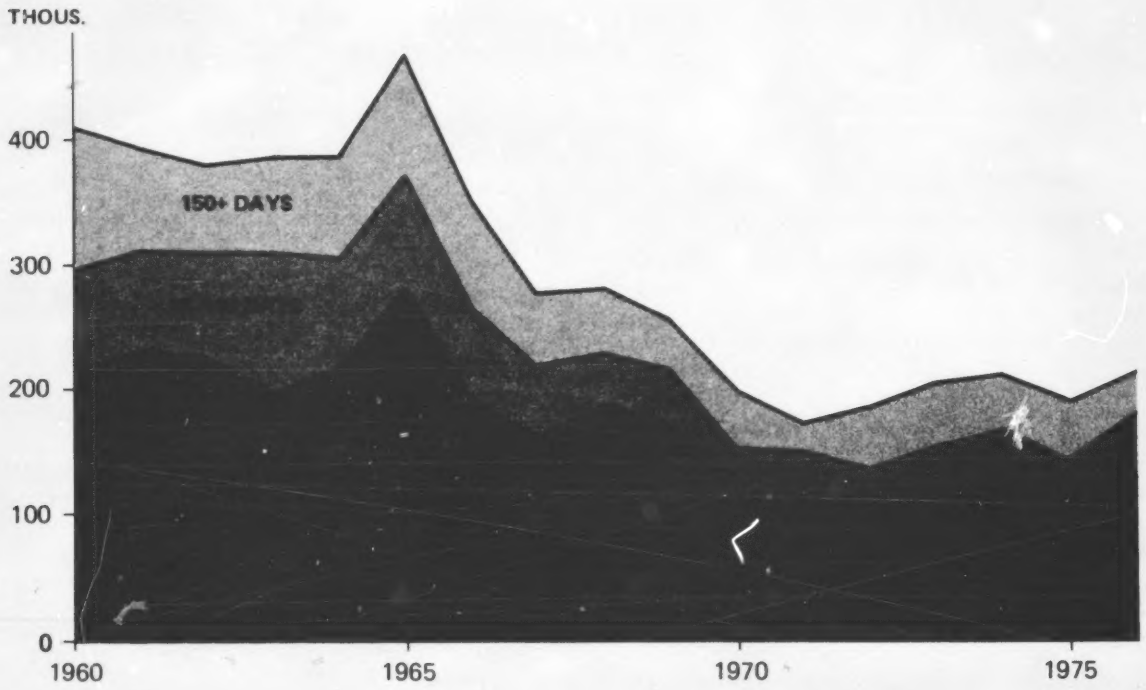


Figure 4

Hispanic, 59 percent were White, and 13 percent were Black and Others. In SFR IX, Whites and Hispanics comprised almost equal proportions of the farm work force.

Migrants. The largest proportion (40 percent) of migrant farmworkers were in SFR VI at the time of the survey (table 5). Most of these were Hispanics. Over three-fifths of the migrant farmworkers lived in SFRs IV, VI and IX -- areas generally identified as home bases for migrants.

Days of Farmwork. The distribution of workers within SFRs by days of farmwork shows that the largest proportion of workers in most regions did hired farmwork for less than 25 days during the year (table 6). The exceptions were found in SFR II where almost half of the workers did seasonal work for 25 to 149 days, and in SFR IX where the largest proportion (39 percent) did farmwork for 150 days or more.

CHANGING CHARACTERISTICS OF THE HIRED FARM WORKING FORCE

Composition

Since the mid-1960's, the composition of the Hired Farm Working Force has undergone several significant changes. Table 7 shows 3-year averages for selected characteristics comparing the periods 1964-66 and 1974-76.

The number of workers declined 12 percent between these two periods. While the data show changes in the number of workers in almost all age

Figure 5

groupings, the decreases for persons age 25-44 and 45-64 years were the only changes significant at the 95 percent confidence level (table 7). The number of young workers 18-24 increased 13 percent (significant at the 90 percent confidence level). As a result, the median age of hired farmworkers decreased from 25 years in 1964-66 to 23 years in 1974-76. Also, the number of Blacks and Others doing farmwork in the 1970's decreased significantly over the earlier period. The size of this group declined 52 percent over the 10-year period, while Whites remained relatively stable. Black and Others accounted for only 16 percent of the hired farm working force in 1974-76, compared with 29 percent in 1964-66. 9/

Between 1964-66 and 1974-76, there were several shifts in the regional location of the hired farmworker population. The number of farmworkers in the South decreased by 31 percent, while the number in the North Central States increased by 26 percent. Although the Northeast and West showed small declines (9 percent and 2 percent, respectively), these changes were not significant. The 1974-76 averages show that 40 percent of the hired farmworkers resided in the South, 26 percent lived in the North Central Region, 25 percent were in the West, and 9 percent were located in the Northeast. This distribution differs somewhat from that in the earlier period.

Although the 10-year decline in number of hired farmworkers was apparent in each category of man-days worked, it was significant only for persons doing 25 to 74 days of farmwork during the year (down 25 percent). In the 1974-76 period, around 43 percent of the hired farmworkers were casual workers, 34 percent were seasonal, 10 percent were regular, and 13 percent

9/Comparable data for Hispanic farmworkers are not available for these periods.

Table 5--Number and distribution of hired farmworkers, by racial/ethnic group and Standard Federal Regions, 1976

Region	All hired farmworkers					Migrant 1/ farmworkers	
	Total		Distribution within region by racial/ethnic groups 2/			Number	Percent of U.S.
	Number	Percent of U.S.	Whites	Hispanics	Blacks and Others		
	Thou.	----------	Percent	----------		Thou.	Pct.
I.....	77	3	97	—	3	1	—
II.....	94	3	94	3	3	3	1
III.....	110	4	79	1	20	12	6
IV.....	670	24	58	2	40	25	12
V.....	446	16	97	2	1	18	8
VI.....	441	16	59	28	13	83	40
VII.....	249	9	96	2	2	11	5
VIII.....	156	6	92	5	3	19	9
IX.....	320	12	47	45	8	31	15
X.....	204	7	94	1	5	9	4
U.S.....	2,767	100	75	11	14	213	100

Numbers and percentages may not add to totals due to rounding.
1/ The regional distribution of migrant workers primarily reflects home base location rather than place of work, since the survey was taken in December.
2/ See footnote 2, page 4 for definition of racial/ethnic categories.

Table 6--Hired farmworkers: Distribution by days of farmwork and Standard Federal Regions, 1976

Region	Total	Distribution within region by days of farmwork			
		Fewer than 25 days	25-74 days	75-149 days	150 or more days
	Thou.	----------	Percent	----------	
I.....	77	50	31	7	12
II.....	94	29	31	18	22
III.....	110	48	17	11	24
IV.....	670	44	25	9	22
V.....	446	48	24	14	14
VI.....	441	33	24	16	27
VII.....	249	49	17	13	21
VIII.....	156	35	23	17	25
IX.....	320	24	22	15	39
X.....	204	56	26	8	10
U.S.....	2,767	41	24	13	22

Numbers and percentages may not add to totals due to rounding.

Table 7--Number of hired farmworkers by race, age, duration of farmwork; averages 1964-66 and 1974-76.

Item	3-year averages		Percentage change	Percent of total	
	1964-66	1974-76		1964-66	1974-76
	----Thousands----			----------Percent----------	
Total.....	3,087	2,713	-12	100	100
Race 1/:					
Whites.....	2,186	2,279	-4	71	84
Blacks and Others.....	901	434	-52*	29	16
Age:					
14-17 years..	924	843	-9	30	31
18-24 years..	657	740	+13**	21	27*
25-44 years..	741	633	-15*	24	23
45-64 years..	614	367	-40*	20	14*
65 years and over.....	151	131	-13	5	5
Region:					
Northeast....	265	240	-9	9	9
North Central	570	718	+26*	18	26*
South.....	1,566	1,087	-31*	51	40*
West.....	686	669	-2	22	25
Duration of farmwork:					
Less than 25 days.....	1,254	1,165	-7	41	43
25-74 days...	816	609	-25*	26	22
75-149 days..	383	325	-15	12	12
150-249 days.	273	264	-3	9	10
250 days and over.....	361	352	-2	12	13

1/Data were not available for Hispanic hired farmworkers for these periods.
*Changes in number or distribution between 1964-66 and 1974-76 are significantly different at the 95 percent confidence level.
**Changes in number or distribution between 1964-66 and 1974-76 are significantly different at the 90 percent confidence level.

were year-round. These distributions did not differ significantly from the earlier period.

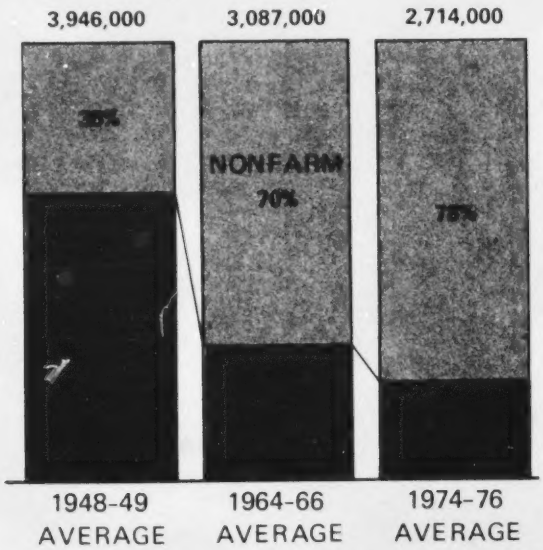
Residence

Since the late 1940's, the number of hired farmworkers living on farms has gradually but consistently declined. During the 1974-76 period, an average 22 percent of hired farmworkers lived on farms. This compares with an average 30 percent in 1964-66 and 65 percent in the late forties (fig. 6). However, the annual change in the proportion of the workers who live on a farm was not as large between 1964-66 and 1974-76 as it was earlier.

An overall decrease in the number of hired farmworkers and fewer persons living on farms contributed to the declining proportion of workers living on farms. The number of hired farmworkers declined 31 percent since

HIRED FARMWORKERS

By Residence



Residence of hired farmworkers in December of the reference years.

Figure 6

the late forties. The number of persons living on farms decreased to about one-third the number that lived on farms in the late forties. 10/

Primary Employment Status

The majority of the 1.6 million hired farmworkers who did farmwork for at least 25 days during 1976 indicated that their primary employment status during the year was something other than farmwork. A large part of these were not in the labor force most of the year. About 43 percent of the farmworkers doing 25 days or more cited farmwork as their major activity; 12 percent gave nonfarm work as their principal activity; 2 percent were looking for work; and 43 percent were not in the labor force most of the year. (Percentages of workers citing farmwork as their principal activity and not in the labor force did not differ significantly.) The proportions of hired farmworkers in these 4 major employment status categories are shown in figure 7 for the years 1962 through 1976. While these proportions have fluctuated slightly from year-to-year, the overall trend does not show significant changes in the distribution of farmworkers by these employment status categories.

Among those workers who cited farmwork as their major activity in 1976, 75 percent did only hired farmwork during the year, 19 percent did both farm and nonfarm work, and 6 percent did other farmwork (table 8). This last category consists primarily of persons who did some hired farmwork but operated a farm as their primary employment activity. The proportion of hired farmworkers citing "other farmwork" decreased the most between 1962 and 1976, largely as a result of declines in the number of farm operators during this period.

Of those workers who indicated they were not in the labor force most of 1976, the majority (75 percent) were students, 14 percent were housewives, 11 percent were others including, for example, ill, handicapped, or retired persons (table 9). The proportion of hired farmworkers who were attending school most of the year increased steadily between 1962 and 1976, while persons citing "keeping house" as their major activity declined by an almost equal proportion.

10/U.S. Department of Commerce and U.S. Department of Agriculture. "Farm Population of the United States: 1976," Current Population Reports Series P-27, No. 49.: U.S. Govt. Print. Off. Dec. 1977.

DISTRIBUTION OF HIRED FARMWORKERS,* 1962-76 . . .

. . . by primary employment status

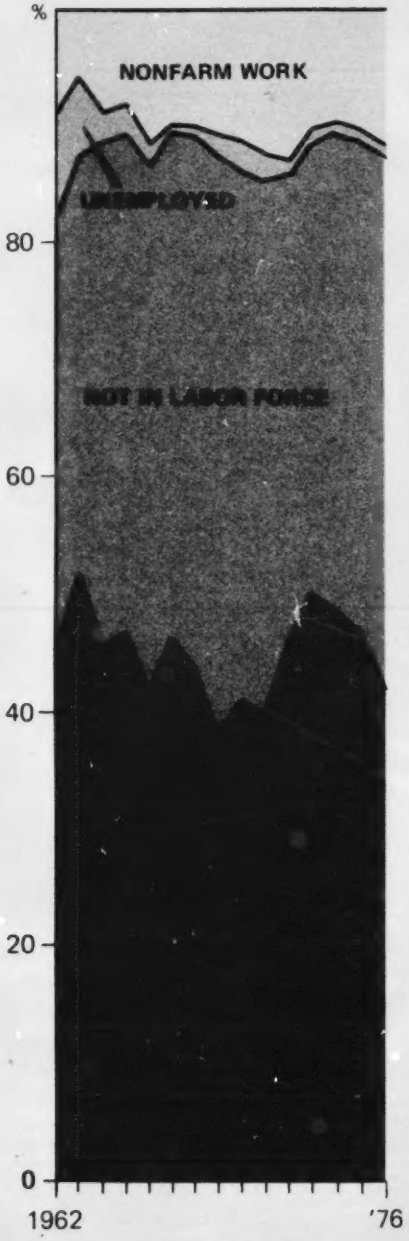


Figure 7

. . . not in labor force most of the year by their primary non-labor force activity

Year	Attending school %	Keeping house %	[illegible] %
1962	50	36	14
1963	54	32	14
1964	58	33	9
1965	60	29	11
1966	66	22	13
1967	63	28	9
1968	63	27	10
1969	69	18	12
1970	72	17	11
1971	69	21	10
1972	71	18	11
1973	73	16	11
1974	73	15	12
1975	72	17	11
1976	75	14	11

Table 8

. . . performing farmwork most of the year by kind of farmwork performed

1962	65	18	17
1963	71	15	14
1964	70	21	9
1965	72	20	7
1966	68	20	12
1967	71	19	9
1968	73	17	10
1969	72	19	9
1970	72	21	7
1971	71	16	13
1972	68	18	14
1973	70	19	11
1974	75	17	8
1975	76	18	6
1976	75	19	6

[1]Includes operating a farm and unpaid family labor.

Table 9

* *Workers who did 25 days or more of hired farmwork during each year.*

OTHER RELATED HIRED FARMWORKER PUBLICATIONS

Food Stamp Participation of Hired Farmworker Families. AER No. 403. Economics, Statistics, and Cooperatives Service, U.S. Dept. Agriculture April 1978.

The Hired Farm Working Force of 1975. AER No. 355. Economic Research Service, U.S. Dept. of Agriculture. December 1976.

Households Eligible for a National Farmworker Program under the Comprehensive Employment and Training Act of 1973. AER No. 324. Economic Research Service, U.S. Dept. of Agriculture. March 1974.

Income of Farm Wageworker Households in 1971. AER No. 251. Economic Research Service, U.S. Dept.of Agriculture. March 1974.

Social and Economic Characteristics of Spanish-Origin Hired Farmworkers in 1973. AER No. 349. Economic Research Service, U.S. Dept. of Agriculture. September 1976.

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Table A-1. All hired farmworkers: Number and percentage distribution, by racial/ethnic groups, sex, and selected characteristics, 1976

Selected characteristics	Number of hired farmworkers							
	Total		Whites		Hispanics		Blacks and Others	
	Male	Female	Male	Female	Male	Female	Male	Female
	Thousands							
ALL WORKERS	2095	681	1646	413	191	119	248	149
Primary employment status:								
Farmwork	662	188	437	43	110	37	116	29
Hired farmwork	578	98	361	42	108	37	109	19
Without nonfarm work	452	88	274	35	87	36	92	17
With nonfarm work	126	11	88	6	21	2	17	3
Other farmwork 1/	84	2	75	1	2	0	7	1
Nonfarm work	383	75	321	57	21	5	41	14
Unemployed	56	5	48	3	11	0	4	2
Not in labor force	985	581	848	311	49	77	88	114
Keeping house	0	244	0	128	0	49	0	74
Attending school	847	243	740	163	35	27	72	36
Other	138	15	108	10	14	1	16	4
Residence and age:								
All workers	2085	681	1646	413	191	119	248	149
14-17 years	686	182	544	133	37	25	55	23
18-24 years	694	215	525	134	37	34	42	47
25-34 years	324	106	240	56	48	19	44	31
35-44 years	145	68	95	31	25	26	29	12
45-54 years	150	53	77	27	35	11	38	15
55-64 years	138	35	90	20	14	5	34	10
65 years and over	85	23	75	12	3	0	7	11
Nonfarm residence	1664	575	1297	346	174	114	192	115
14-17 years	534	146	456	106	32	25	46	18
18-24 years	482	179	414	118	35	32	33	29
25-34 years	249	98	182	47	38	18	29	26
35-44 years	123	62	76	26	20	26	25	10
45-54 years	109	44	51	23	33	9	25	13
55-64 years	96	31	56	16	14	5	27	10
65 and over	71	20	60	11	3	0	7	9
Years of education completed by workers over 25	845	285	577	146	116	68	152	79
0-4 years	119	59	39	6	52	29	28	23
5-8 years	241	72	151	29	41	23	69	20
9-11 years	117	52	80	30	33	4	27	18
12 years	202	77	168	60	9	2	25	15
13 years and over	145	26	140	22	3	2	2	3
Migratory status:								
Migratory	158	60	95	26	45	31	12	3
Nonmigratory	1932	621	1551	387	145	89	237	146
Standard Federal Regions:								
Region I	62	15	61	15	0	0	2	0
Region II	65	29	63	24	2	2	0	3
Region III	91	19	77	10	1	0	14	9
Region IV	460	210	289	104	0	6	167	100
Region V	370	77	364	69	5	4	1	4
Region VI	362	78	237	24	81	44	45	11
Region VII	202	46	195	45	3	2	4	0
Region VIII	128	27	120	24	5	2	3	1
Region IX	224	96	126	29	85	60	13	11
Region X	121	83	119	73	1	0	1	10
Four Census Regions:								
Northeast	169	54	162	47	2	2	6	5
North Central	614	135	597	124	10	7	7	4
South	858	293	609	124	83	46	220	119
West	445	200	333	113	97	65	15	21
Duration of farmwork:								
Less than 25 days	789	358	682	238	34	34	73	83
25-74 days	460	192	369	116	35	37	56	40
75-149 days	286	61	224	20	31	29	31	12
150-249 days	248	49	157	22	36	16	47	11
250 days and over	318	23	214	17	55	3	41	3

See footnote at end of table.

Continued

Table A-1. All hired farmworkers: Number and percentage distribution, by racial/ethnic groups, sex, and selected characteristics, 1976--continued

Selected characteristics	Number of hired farmworkers							
	Total		Whites		Hispanics		Blacks and Others	
	Male	Female	Male	Female	Male	Female	Male	Female
	Percent							
ALL WORKERS	100	100	100	100	100	100	100	100
Primary employment status:								
Farmwork	32	15	27	10	57	31	47	13
Hired farmwork	28	14	22	10	57	31	44	13
Without nonfarm work	22	13	17	9	45	30	37	11
With nonfarm work	6	2	5	2	11	1	7	2
Other farmwork 1/	4	0	5	0	1	0	3	1
Nonfarm work	18	11	20	14	11	4	16	9
Unemployed	3	1	2	1	6	0	2	1
Not in labor force	47	74	52	75	26	65	36	76
Keeping house	0	36	0	29	0	41	0	50
Attending school	41	36	45	44	18	22	29	24
Other	7	2	7	2	8	1	6	3
Residence and age:								
All workers	100	100	100	100	100	100	100	100
14-17 years	31	27	33	32	20	21	22	16
18-24 years	29	32	32	32	19	25	17	32
25-34 years	16	15	15	14	21	16	16	21
35-44 years	7	10	6	7	13	22	12	8
45-54 years	7	8	5	7	18	9	15	10
55-64 years	7	5	5	5	7	4	14	7
65 years and over	4	3	5	3	2	0	3	7
Nonfarm residence	100	100	100	100	100	100	100	100
14-17 years	32	26	35	31	18	22	24	15
18-24 years	29	31	32	34	20	28	17	25
25-34 years	15	16	14	14	22	15	15	22
35-44 years	7	11	6	7	11	23	13	9
45-54 years	7	8	4	7	19	8	13	11
55-64 years	6	5	4	5	8	4	14	9
65 and over	4	3	5	3	2	0	4	8
Years of education completed by workers over 25	100	100	100	100	100	100	100	100
0-4 years	14	21	7	4	45	48	19	30
5-8 years	31	25	26	20	35	39	45	25
9-11 years	14	18	14	21	9	7	16	23
12 years	24	27	29	41	8	3	17	19
13 years and over	17	9	24	15	3	3	2	3
Migratory status:								
Migratory	7	9	6	6	24	26	5	2
Nonmigratory	93	91	94	94	76	74	95	98
Standard Federal Regions:								
Region I	3	2	4	4	0	0	1	0
Region II	3	4	4	6	1	1	0	2
Region III	4	3	5	2	0	0	5	6
Region IV	22	31	17	25	4	5	67	67
Region V	18	11	22	17	3	3	0	2
Region VI	17	11	14	6	42	37	18	7
Region VII	10	7	12	11	2	1	2	0
Region VIII	6	4	7	6	3	2	1	0
Region IX	11	14	0	6	44	58	5	0
Region X	6	12	7	18	1	0	0	7
Four Census Regions:								
Northeast	8	8	10	11	1	1	2	3
North Central	29	28	36	37	5	6	3	3
South	41	43	34	31	93	38	89	79
West	21	29	20	27	51	55	6	14
Duration of farmwork:								
Less than 25 days	38	52	41	56	18	29	30	55
25-74 days	22	28	22	28	19	31	23	27
75-149 days	14	9	14	5	16	24	13	8
150-249 days	12	7	10	5	19	13	19	7
250 days and over	15	3	13	4	29	3	16	2

1/ Includes operating a farm and unpaid family labor.

Table A-2. Hired farmworkers who did less than 25 days of farmwork: Number and percentage distribution, by racial/ethnic groups and selected characteristics, 1976

Selected characteristics	Number of hired farmworkers				Percentage distribution			
	Total	Whites	Hispanics	Blacks and Others	Total	Whites	Hispanics	Blacks and Others
	Thousands				Percent			
ALL WORKERS	1145	920	68	156	100	100	100	100
Primary employment status:								
Farmwork	59	54	3	2	5	6	5	1
Hired farmwork	17	12	3	2	1	1	5	1
Without nonfarm work	10	7	2	1	1	1	3	-
With nonfarm work	7	5	1	1	1	1	2	1
Other farmwork 1/	42	41	0	1	4	5	0	0
Nonfarm work	266	225	18	31	23	24	14	20
Unemployed	30	24	6	0	3	3	9	0
Not in labor force	790	618	49	123	69	67	72	79
Keeping house	145	83	18	43	13	9	26	28
Attending school	566	477	23	65	49	52	34	42
Other	80	57	8	15	7	6	12	9
Residence and age:								
All workers	1145	920	66	156	100	100	100	100
14-17 years	429	361	19	49	37	39	28	31
18-24 years	322	264	20	38	28	29	29	25
25-34 years	171	139	6	26	15	15	9	17
35-44 years	65	41	8	16	6	5	12	10
45-54 years	63	41	10	12	5	4	15	8
55-64 years	47	38	2	8	4	4	2	5
65 years and over	48	37	3	7	4	4	5	5
Nonfarm residence	989	799	62	128	100	100	100	100
14-17 years	373	315	19	39	38	39	31	31
18-24 years	291	244	18	28	29	31	29	22
25-34 years	144	117	5	22	15	15	8	17
35-44 years	56	35	6	14	6	4	10	11
45-54 years	52	34	8	10	5	4	14	8
55-64 years	32	22	2	6	3	3	2	6
65 years and over	42	33	3	6	4	4	5	5
Years of education completed by workers over 25 2/	394	296	29	69	100	100	-	100
0-4 years	48	14	18	15	12	5	-	22
5-8 years	92	65	6	21	23	22	-	30
9-11 years	69	46	5	13	18	16	-	19
12 years	114	96	0	18	29	32	-	26
13 years and over	76	74	0	2	19	25	-	2
Migratory status:								
Migratory	66	51	11	3	6	6	17	2
Nonmigratory	1078	869	57	153	94	94	83	98
Standard Federal Regions:								
Region I	38	38	#	0	3	4	#	0
Region II	28	26	0	1	2	3	0	1
Region III	53	39	1	13	5	4	2	#
Region IV	297	193	4	101	26	21	5	64
Region V	214	204	6	4	19	22	9	2
Region VI	146	95	30	21	13	10	45	13
Region VII	124	121	3	0	11	13	4	0
Region VIII	55	52	3	1	5	6	4	1
Region IX	78	50	22	6	7	5	33	4
Region X	112	102	6	10	10	11	8	6
Four Census Regions:								
Northeast	88	81	0	7	8	9	0	4
North Central	357	343	18	4	31	37	15	3
South	466	308	30	128	41	33	44	82
West	234	189	27	17	20	21	41	11

1/ Includes operating a farm and unpaid family labor.
2/ Percentages not shown where base is less than 50,000 persons.

Table A-3. Hired farmworkers who did 25 to 149 days of farmwork: Number and percentage distribution, by racial/ethnic groups and selected characteristics, 1976

Selected characteristics	Number of hired farmworkers				Percentage distribution			
	Total	Whites	Hispanics	Blacks and Others	Total	Whites	Hispanics	Blacks and Others
	Thousands				Percent			
ALL WORKERS	999	728	132	139	100	100	100	100
Primary employment status:								
Farmwork	167	90	40	37	17	12	31	26
Hired farmwork	138	65	40	33	14	9	31	23
Without nonfarm work	92	44	28	20	9	6	21	14
With nonfarm work	46	21	12	13	5	3	9	9
Other farmwork 1/	30	26	0	4	3	4	0	3
Nonfarm work	177	138	15	23	18	19	12	16
Unemployed	30	19	5	5	3	3	4	4
Not in labor force	626	480	71	75	63	66	54	54
Keeping house	92	31	30	30	9	4	23	22
Attending school	466	393	33	40	47	54	25	29
Other	68	56	7	5	7	8	6	3
Residence and age:								
All workers	999	728	132	139	100	100	100	100
14-17 years	353	268	37	28	35	40	28	20
18-24 years	305	237	27	40	31	33	21	29
25-34 years	123	82	24	17	12	11	18	12
35-44 years	67	34	22	11	7	5	17	8
45-54 years	57	22	12	23	6	3	9	17
55-64 years	53	30	9	14	5	4	7	10
65 years and over	41	35	0	6	4	5	0	4
Nonfarm residence	808	574	125	109	100	100	100	100
14-17 years	282	228	32	23	35	40	25	21
18-24 years	245	198	27	27	30	33	22	25
25-34 years	107	69	24	14	13	12	20	13
35-44 years	68	27	21	11	7	5	17	10
45-54 years	44	16	12	16	5	3	10	14
55-64 years	38	17	9	13	5	3	7	12
65 years and over	33	28	0	6	4	5	0	5
Years of education completed by workers over 25	341	202	68	71	100	100	100	100
0-4 years	93	13	26	15	16	6	39	21
5-8 years	122	61	28	33	36	30	42	46
9-11 years	52	34	7	11	15	17	10	15
12 years	69	53	6	11	20	26	9	15
13 years and over	45	41	1	3	13	20	2	4
Migratory status:								
Migratory	113	55	49	8	11	8	37	6
Nonmigratory	886	673	83	131	89	92	63	94
Standard Federal Regions:								
Region I	30	28	0	2	3	4	0	1
Region II	46	42	2	2	5	6	1	1
Region III	31	24	0	7	3	3	0	5
Region IV	227	120	6	100	23	17	5	72
Region V	167	164	3	0	17	23	2	0
Region VI	175	98	63	14	17	13	48	10
Region VII	73	71	1	1	7	10	0	1
Region VIII	62	57	3	2	6	8	2	1
Region IX	120	55	53	12	12	8	40	8
Region X	70	68	1	0	7	9	1	0
Four Census Regions:								
Northeast	88	83	2	4	9	11	1	3
North Central	266	259	4	3	27	36	3	2
South	413	227	65	121	41	31	50	86
West	232	159	61	12	23	22	46	9

1/ Includes operating a farm and unpaid family labor.

Table A-4. Hired farmworkers who did 150 or more days of farmwork: Number and percentage distribution, by racial/ethnic groups and selected characteristics, 1976

Selected characteristics	Number of hired farmworkers				Percentage distribution			
	Total	Whites	Hispanics	Blacks and Others	Total	Whites	Hispanics	Blacks and Others
	Thousands				Percent			
ALL WORKERS	623	411	110	102	100	100	100	100
Primary employment status:								
Farmwork	536	336	103	97	86	82	94	95
Hired farmwork	522	326	102	94	84	79	92	92
Without nonfarm work	458	258	92	88	70	63	84	86
With nonfarm work	64	68	9	6	13	17	8	6
Other farmwork 1/	14	9	2	3	2	2	2	3
Nonfarm work	16	15	1	-	3	4	1	0
Unemployed	1	0	0	1	0	0	0	1
Not in labor force	70	60	6	4	11	15	5	4
Keeping house	7	6	1	0	1	1	1	0
Attending school	58	50	4	3	9	12	4	3
Other	6	5	0	1	1	1	0	1
Residence and age:								
All workers	623	411	110	102	100	100	100	100
14-17 years	36	29	6	1	6	7	6	1
18-[illegible] years	191	157	24	18	31	38	22	19
25-[illegible] years	136	75	28	32	22	18	26	31
[illegible] years	84	51	28	13	14	12	18	13
45-54 years	82	41	23	18	13	10	21	18
55-64 years	75	42	9	22	12	10	8	22
65 years and over	20	15	0	5	3	4	0	5
Nonfarm residence	442	269	102	71	100	100	100	100
14-17 years	27	19	6	1	6	7	6	2
18-24 years	126	98	22	6	29	36	22	8
25-34 years	89	44	26	19	20	16	25	27
35-44 years	69	42	10	10	16	15	10	14
45-54 years	58	24	21	13	13	9	21	18
55-64 years	50	33	9	17	11	12	8	24
65 years and over	15	10	0	5	3	4	0	7
Years of education completed by workers over 25	395	225	88	98	100	100	100	100
0-4 years	77	17	37	22	19	8	47	25
5-8 years	119	53	36	34	30	24	38	40
9-11 years	53	29	4	20	13	13	5	23
12 years	95	79	5	11	24	35	6	13
13 years and over	50	46	3	1	13	21	4	1
Migratory status:								
Migratory	34	15	16	3	6	4	15	3
Nonmigratory	589	396	84	99	95	96	85	97
Standard Federal Regions:								
Region I	9	9	0	0	1	2	0	0
Region II	21	19	2	0	3	5	1	0
Region III	27	23	1	3	4	6	1	3
Region IV	146	76	4	66	23	18	4	65
Region V	66	65	0	1	11	16	0	1
Region VI	120	68	31	21	19	16	28	21
Region VII	52	48	1	2	8	12	1	2
Region VIII	39	36	2	1	6	9	2	1
Region IX	122	46	69	7	20	11	63	7
Region X	22	22	0	0	4	5	0	0
Four Census Regions:								
Northeast	47	46	2	0	8	11	1	0
North Central	126	120	2	4	20	29	2	4
South	271	148	33	90	43	36	30	88
West	179	97	73	8	29	24	67	8

1/ Includes operating a farm and unpaid family labor.

Table A-5. All hired farmworkers: Number and percentage distribution, by days of farmwork and selected characteristics, 1976

Selected characteristics	Number of hired farmworkers					
	Total workers	Number working				
		Fewer than 25 days	25-74 days	75-149 days	150-249 days	250 days and over
	Thousands					
ALL WORKERS	2766	1145	652	347	290	333
Ethnic groups:						
Whites	2059	920	484	244	180	231
Hispanics	310	68	72	39	52	58
Blacks and Others	397	156	96	49	58	44
Primary employment status:						
Farmwork	762	59	58	110	233	303
Hired farmwork	676	17	36	99	228	294
Without nonfarm work	540	10	24	68	171	267
With nonfarm work	137	7	14	32	57	27
Other farmwork 1/	86	42	28	10	5	9
Nonfarm work	458	266	128	49	16	0
Unemployed	68	30	24	6	1	0
Not in labor force	1486	790	443	183	40	31
Keeping house	244	145	71	22	4	3
Attending school	1089	566	315	151	31	27
Other	153	80	57	11	5	1
Sex and age:						
Males	2086	789	460	286	248	310
14-17 years	436	322	192	92	17	13
18-24 years	604	211	121	97	83	91
25-34 years	324	112	45	39	52	76
35-44 years	149	38	26	16	21	47
45-54 years	150	35	25	10	24	48
55-64 years	138	33	28	15	33	29
65 years and over	85	37	22	9	11	6
Females	681	355	192	61	49	23
14-17	182	167	58	11	6	0
18-24	215	111	67	20	12	5
25-34	106	59	29	10	5	3
35-44	68	27	17	9	12	5
45-54	53	27	6	0	4	6
55-64	35	14	6	4	7	5
65 and over	23	11	9	0	3	0
Residence:						
Farm	528	156	113	78	59	121
Nonfarm	2239	989	539	269	230	212
Migratory status:						
Migratory	213	66	48	53	13	21
Nonmigratory	2553	1078	592	294	277	313
Standard Federal Regions:						
Region I	77	38	24	6	3	6
Region II	94	28	29	17	9	11
Region III	118	53	19	12	6	28
Region IV	670	297	168	58	85	61
Region V	446	214	106	61	23	43
Region VI	448	146	106	48	52	48
Region VII	249	124	41	32	25	26
Region VIII	156	55	35	27	23	16
Region IX	320	78	72	48	93	69
Region X	284	112	53	17	9	13
Four Census Regions:						
Northeast	223	88	61	27	17	30
North Central	748	357	162	103	53	73
South	1190	466	284	129	137	134
West	645	234	146	87	82	97

See footnotes at the end of table.

Continued

Table A-5. All hired farmworkers: Number and percentage distribution, by days of farmwork and selected characteristics, 1976--Continued

Selected characteristics	Total workers	Percentage distribution				
		Percentage working				
		Fewer than 25 days	25-74 days	75-149 days	150-249 days	250 days and over
		Percent				
ALL WORKERS	100	41	24	13	10	12
Ethnic groups:						
Whites	100	45	24	12	9	11
Hispanics	100	22	23	19	17	19
Blacks and Others	100	39	24	11	15	11
Primary employment status:						
Farmwork	100	8	8	14	31	40
Hired farmwork	100	5	6	15	34	43
Without nonfarm work	100	2	4	13	32	49
With nonfarm work	100	5	10	23	42	20
Other farmwork 1/	100	49	23	12	5	11
Nonfarm work	100	58	28	11	4	0
Unemployed	100	49	48	9	2	0
Not in labor force	100	53	30	12	3	2
Keeping house	100	59	29	9	2	1
Attending school	100	52	29	14	3	2
Other	100	52	37	7	3	0
Sex and age:						
Males	100	38	22	14	12	15
14-17	100	51	38	14	3	2
18-24	100	35	28	16	14	15
25-34	100	35	14	12	16	23
35-44	100	26	17	11	14	32
45-54	100	24	16	12	16	32
55-64	100	24	21	11	24	21
65 and over	100	43	24	11	13	8
Females	100	52	28	9	7	3
14-17	100	59	32	6	3	0
18-24	100	52	31	9	6	2
25-34	100	56	27	10	5	3
35-44	100	39	26	11	17	7
45-54	100	52	12	16	9	12
55-64 2/	-	-	-	-	-	-
65 and over 2/	-	-	-	-	-	-
Residence:						
Farm	100	30	21	15	11	23
Nonfarm	100	44	24	12	10	9
Migratory status:						
Migratory	100	31	28	25	6	10
Nonmigratory	100	42	23	12	11	12
Standard Federal Regions:						
Region I	100	50	31	7	4	7
Region II	100	30	31	18	10	12
Region III	100	48	17	11	6	18
Region IV	100	44	25	9	13	9
Region V	100	48	24	14	5	10
Region VI	100	33	24	16	12	15
Region VII	100	50	17	13	10	11
Region VIII	100	36	23	17	15	10
Region IX	100	24	22	15	17	21
Region X	100	55	26	8	5	6
Four Census Regions:						
Northeast	100	39	27	12	9	13
North Central	100	48	22	14	7	10
South	100	41	25	11	12	12
West	100	36	23	13	13	15

1/ Includes operating a farm and unpaid family labor.
2/ Percentages not shown where base is less than 50,000 persons.

Table A-6. All hired farmworkers: Average number of days worked and earnings, by selected demographic characteristics, 1976

Selected characteristics	Number of workers	Farm and nonfarm			Farm earnings		Workers who did hired farmwork only			
		Days worked	Earnings				Number of workers	Days worked	Earnings	
			Daily	Annual	Daily	Annual			Daily	Annual
	Thou.	No.	Dollars				Thou.	No.	No.	Dol.
ALL WORKERS	2766	138	20.66	2855	19.27	1652	1876	112	19.80	2197
Ethnic groups:										
Whites	2059	141	20.90	2940	18.82	1582	1074	107	19.85	2047
Hispanics	318	146	21.91	3206	22.91	2830	230	141	23.20	3264
Blacks and Others	397	121	16.00	2171	17.37	1908	272	106	17.77	1889
Males	2085	154	21.35	3299	19.40	1901	1165	126	19.87	2541
Whites	1646	152	21.57	3276	19.19	1899	854	118	19.34	2286
Hispanics	191	162	22.46	4084	23.60	3579	131	167	23.95	4391
Blacks and Others	248	149	19.06	2837	17.59	1953	170	134	18.08	2438
Females	681	98	16.78	1514	16.91	867	410	67	17.83	1228
Whites	413	96	16.68	1595	15.93	717	218	63	16.86	1065
Hispanics	119	90	20.05	1804	23.79	1437	99	66	21.10	1812
Blacks and Others	149	73	14.44	1861	16.50	763	102	59	16.63	984
Sex and age (all workers):										
14-17 years	818	62	10.77	673	12.49	528	564	46	11.98	556
18-24 years	819	160	19.91	3193	19.48	1651	351	132	19.81	2618
25-34 years	429	196	25.48	4997	22.49	2351	156	165	23.52	3882
35-44 years	217	189	24.03	4549	25.80	2654	121	178	28.83	3714
45-54 years	202	182	23.41	4268	22.55	3105	135	178	22.69	4043
55-64 years	173	164	20.68	3374	28.77	2666	126	153	26.48	3117
65 years and over	109	93	16.73	1548	17.16	1214	23	83	17.21	1423
Males:										
14-17 years	636	66	10.79	716	12.25	554	443	58	11.54	572
18-24 years	684	181	20.55	3726	16.61	1956	242	164	16.97	3103
25-34 years	324	228	26.38	6024	23.00	2845	138	207	24.06	4985
35-44 years	149	224	25.71	5765	22.06	3257	77	216	22.34	4827
45-54 years	150	245	23.69	4864	22.26	3471	97	207	23.01	4755
55-64 years	138	173	20.84	3610	20.95	2841	96	163	20.62	3360
65 years and over	85	96	17.23	1659	17.36	1343	70	87	17.26	1496
Females:										
14-17 years	182	49	10.67	522	13.71	434	120	35	14.31	495
18-24 years	215	102	16.69	1697	17.62	794	109	62	19.28	1196
25-34 years	106	97	18.57	1847	16.24	835	58	64	19.36	1243
35-44 years 1/	68	113	16.77	1898	15.98	1341	45	-	-	-
45-54 years 1/	53	117	22.00	2567	20.76	1675	38	-	-	-
55-64 years 1/	35	-	-	-	-	-	27	-	-	-
65 years and over 1/	23	-	-	-	-	-	13	-	-	-
Household & migrant status:										
Household heads	1071	208	24.08	5.01	22.80	2775	555	187	22.33	4176
Migratory 1/	83	222	25.17	5593	25.42	2934	33	-	-	-
Nonmigratory	988	206	23.99	4952	21.71	2762	522	186	22.09	4117
Other household members	1696	95	15.90	1508	15.69	942	1621	71	15.68	1123
Migratory	130	104	17.98	1861	16.88	1092	74	78	18.88	1474
Nonmigratory	1566	94	15.73	1478	15.56	938	947	71	15.44	1095
Years of education completed by workers over 25:										
0-4 years	1138	177	23.23	4201	21.68	2465	661	158	21.69	3431
5-8 years	178	155	19.31	2998	19.16	2564	136	162	19.84	3094
9-11 years	333	153	20.77	3175	20.39	2405	232	142	20.51	2906
12 years	169	174	22.67	3949	21.45	2357	91	152	23.53	3578
13 years and over	279	197	25.57	5036	23.41	2643	149	176	23.39	4113
	171	220	28.81	6337	24.21	2256	53	172	25.68	4423

1/ Averages not shown where base is less than 50,000 persons.

le A-7. All hired farmworkers: Average number of days worked and earnings, by selected employment characteristics, 1976

Selected characteristics	Number of workers	Farm and nonfarm			Farm earnings		Workers who did hired farmwork only			
		Days worked	Earnings				Number of workers	Days worked	Earnings	
			Daily	Annual	Daily	Annual			Daily	Annual
	Thou.	No.	Dollars				Thou.	No.	Dollars	
WORKERS	2766	138	20.64	2859	19.27	1652	1576	112	19.60	2197
mary employment status:										
rmwork	762	217	21.61	4685	21.67	4420	602	217	21.80	4737
Hired farmwork	676	230	21.66	4983	21.68	4783	540	232	21.76	5054
Without nonfarm work	540	232	21.76	5054	21.76	5054	540	232	21.76	5054
With farmwork	137	222	21.26	4727	21.27	7713	0	0	0.00	0
Other farmwork 1/	86	111	20.67	2294	21.26	1549	62	87	22.61	1972
onfarm work	458	241	25.78	6204	17.91	623	8	0	0.00	0
nemployed 1/	60	69	19.95	1376	17.25	619	29	-	-	-
ot in Labor Force	1486	69	13.72	953	13.82	591	945	67	13.31	631
Keeping house	244	53	15.38	817	15.26	524	172	40	14.77	588
Attending school	1089	73	12.60	926	13.25	599	649	51	12.67	644
Other	153	67	28.30	1366	16.58	643	104	38	16.28	625
idence, sex, and										
ye of farmwork:										
Less than 25 days	1145	87	22.88	1929	15.84	145	508	10	13.47	136
25-74 days	652	99	19.90	1962	16.22	724	349	45	15.86	713
75-149 days	367	142	19.42	2763	17.54	1898	223	106	17.05	1813
150-249 days	298	229	19.71	4508	19.49	3842	196	206	19.51	4010
250 days and over	333	309	20.96	6480	20.46	6342	300	306	21.29	6505
onfarm residence	2239	136	21.36	2915	14.96	1542	1194	105	16.88	2146
Less than 25 days	989	94	22.35	2095	14.96	144	409	10	13.98	133
25-74 days	539	103	20.36	2106	16.26	716	274	44	15.84	698
75-149 days	269	145	19.67	2859	18.43	1994	164	109	17.62	1922
150-249 days	230	230	20.30	4676	20.04	4058	158	207	20.05	4145
250 days and over	212	304	22.84	6952	22.83	6855	194	301	23.07	6936
ales:										
Less than 25 days	789	99	23.78	2346	15.46	150	325	10	13.41	130
25-74 days	460	107	21.27	2272	16.63	752	241	46	15.63	715
75-149 days	266	148	19.69	2921	17.79	1848	171	187	16.59	1771
150- 249 days	248	232	20.30	4713	20.07	4055	152	205	20.19	4145
250 days and over	310	311	26.93	6500	20.93	6406	277	307	21.28	6930
emales:										
Less than 25 days	355	62	16.30	1063	14.09	135	183	18	13.57	134
25-74 days	192	79	15.46	1222	15.20	657	108	43	16.48	708
75 days and over	134	181	18.27	3298	18.59	3219	119	179	18.88	3346
ratory status and days										
f farmwork:										
Migratory	213	150	21.41	3389	18.52	1807	187	114	18.68	2586
Less than 25 days 2/	66	114	21.22	2422	15.64	160	21	-	-	-
25-74 days 2/	63	128	20.20	2587	17.01	613	24	-	-	-
75-149 days 2/	53	139	20.03	2784	18.98	1914	35	-	-	-
150 days and over 2/	34	-	-	-	-	-	27	-	-	-
Nonmigratory	2554	137	20.79	2822	16.85	1638	1468	112	16.66	2169
Less than 25 days	1078	86	22.15	1899	15.00	144	486	10	13.91	136
25-149 days	886	111	19.63	2164	17.02	1186	512	67	16.36	1102
150-249 days	277	228	19.51	4447	19.32	3916	190	206	19.55	4030
250 days and over	313	310	20.96	6378	20.55	6284	280	307	20.85	6391

1/ Includes operating a farm and unpaid family labor.
2/ Averages not shown where base is less than 50,000 persons.

Table A-8. All hired farmworkers: Average number of days worked and earnings, by regions and racial/ethnic groups, 1976

Selected characteristics	Number of workers	Farm and nonfarm			Farm earnings		Workers who did hired farmwork only			
		Days worked	Earnings				Number of workers	Days worked	Earnings	
			Daily	Annual	Daily	Annual			Daily	Annual
	Thou.	No.	Dollars				Thou.	No.	Dollars	
ALL WORKERS	2767	138	20.54	2860	10.61	1651	1575	112	19.26	2197
Four Census Regions:										
Northeast	223	134	17.80	2275	15.36	1371	129	114	15.85	1853
Whites	209	135	16.37	2214	15.05	1362	124	115	15.62	1798
Hispanics 1/	3	-	-	-	-	-	2	-	-	-
Blacks and Others 1/	11	-	-	-	-	-	4	-	-	-
North Central	748	142	21.74	3595	16.04	1317	371	96	18.17	1746
Whites	721	144	21.69	3128	17.87	1309	352	98	17.93	1749
Hispanics 1/	16	-	-	-	-	-	13	-	-	-
Blacks and Others 1/	11	-	-	-	-	-	5	-	-	-
South	1158	131	19.00	2497	16.04	1547	693	108	17.84	1947
Whites	683	136	19.96	2707	16.51	1487	373	107	18.12	1938
Hispanics	126	132	18.35	2422	16.98	2041	87	123	18.86	2313
Blacks and Others	339	121	17.32	2101	16.74	1480	233	107	17.01	1826
West	645	148	23.11	3436	23.13	2322	383	132	24.13	3203
Whites	446	146	22.98	3345	22.49	1983	224	128	23.71	2834
Hispanics	162	165	23.68	3947	24.99	3836	129	161	25.18	4045
Blacks and Others 1/	37	-	-	-	-	-	30	-	-	-
Standard Federal Regions:										
Region I 1/	77	117	17.58	2048	14.31	843	38	-	-	-
Whites 1/	75	118	17.61	2079	14.36	841	37	-	-	-
Hispanics	0	0	0.00	0	0.00	0	0	0	0.00	0
Blacks and Others 1/	2	-	-	-	-	-	2	-	-	-
Region II	94	128	16.53	2114	17.30	1657	61	119	18.83	2298
Whites	88	128	15.94	2035	16.53	1570	58	116	17.72	2064
Hispanics 1/	3	-	-	-	-	-	2	-	-	-
Blacks and Others 1/	3	-	-	-	-	-	0	-	-	-
Region III	110	156	20.14	3151	16.12	1490	63	114	17.10	1945
Whites 1/	87	166	19.63	3265	15.76	1599	49	-	-	-
Hispanics 1/	1	-	-	-	-	-	1	-	-	-
Blacks and Others 1/	22	-	-	-	-	-	13	-	-	-
Region IV	670	119	18.27	2188	17.23	1352	411	97	17.15	1668
Whites	389	117	19.08	2224	17.72	1263	221	90	17.34	1554
Hispanics 1/	14	-	-	-	-	-	12	-	-	-
Blacks and Others	267	122	16.89	2053	16.03	1379	178	103	16.22	1674
Region V	446	146	21.92	3194	16.97	1151	209	97	17.00	1654
Whites	433	148	22.04	3272	17.03	1219	198	102	17.02	1728
Hispanics 1/	9	-	-	-	-	-	8	-	-	-
Blacks and Others 1/	5	-	-	-	-	-	2	-	-	-
Region VI	448	148	19.49	2886	15.00	1902	256	132	18.62	2453
Whites	268	161	20.17	3247	19.12	1893	132	139	18.54	2867
Hispanics	124	133	17.90	2372	18.51	1936	80	121	18.28	2218
Blacks and Others 1/	56	122	19.16	2343	19.57	2103	44	-	-	-
Region VII	249	143	21.74	3117	19.49	1548	131	58	28.22	1989
Whites	240	142	21.43	3050	19.37	1492	126	95	19.76	1899
Hispanics 1/	5	-	-	-	-	-	3	-	-	-
Blacks and Others 1/	4	-	-	-	-	-	2	-	-	-
Region VIII	156	153	19.20	2938	17.98	1634	76	109	17.32	2065
Whites	144	154	19.17	2945	17.83	1673	70	119	17.41	2976
Hispanics 1/	8	-	-	-	-	-	4	-	-	-
Blacks and Others 1/	4	-	-	-	-	-	2	-	-	-
Region IX	329	165	24.88	4098	25.30	3219	224	159	25.88	4102
Whites	151	168	25.90	4346	25.91	2836	85	159	27.17	4304
Hispanics	145	166	24.22	4032	25.20	3634	119	162	25.31	4099
Blacks and Others 1/	25	-	-	-	-	-	20	-	-	-
Region X	204	109	22.71	2481	21.73	1133	106	69	22.42	1550
Whites	192	113	22.82	2586	21.73	1184	96	73	22.42	1647
Hispanics 1/	1	-	-	-	-	-	1	-	-	-
Blacks and Others 1/	11	-	-	-	-	-	9	-	-	-

1/ Averages not shown where base is less than 50,000 persons.

le A-9. Hired farmworkers who did both farm and nonfarm work: Average number of days worked and earnings, by selected demographic characteristics, 1976

Selected characteristics	Number of workers	Farmwork			Nonfarm work			All work		
		Average days worked	Earnings		Average days worked	Earnings		Average days worked	Earnings	
			Daily	Annual		Daily	Annual		Daily	Annual
	Thou.	No.	Dollars		No.	Dollars		No.	Dollars	
WORKERS	1191	51	16.30	929	122	22.92	2807	178	21.57	3736
nic group and sex:										
Whites	986	50	18.27	908	127	23.64	3005	177	22.13	3913
Hispanics	80	74	21.34	1584	89	16.49	1462	163	18.70	3047
Blacks and Others	125	44	15.26	674	107	19.62	2109	152	18.35	2783
Males	920	58	18.73	1092	130	24.25	3168	188	22.66	4259
Whites	782	56	18.84	1050	133	24.90	3322	189	23.12	4372
Hispanics	60	85	21.95	1870	94	16.85	1609	181	19.25	3479
Blacks and Others	78	60	15.19	911	121	23.37	2817	180	20.66	3728
Females	271	26	14.29	378	97	16.06	1579	124	15.70	1957
Whites	203	27	13.65	363	103	17.35	1783	129	16.59	2146
Hispanics 1/	20	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	47	-	-	-	-	-	-	-	-	-
and age:										
14-17 years	254	33	14.07	466	65	7.18	466	98	9.50	932
18-24 years	468	57	17.55	1007	124	21.71	2699	182	20.39	3726
25-34 years	233	54	19.63	1063	169	28.85	4874	222	26.70	5936
35-44 years	96	63	20.68	1311	140	30.78	4301	203	27.58	5612
45-54 years	67	43	21.36	910	148	25.76	3810	191	24.78	4721
55-64 years 1/	47	-	-	-	-	-	-	-	-	-
65 years and over 1/	26	-	-	-	-	-	-	-	-	-
Males:										
14-17 years	193	35	14.52	513	69	7.66	532	105	9.98	1045
18-24 years	362	66	18.01	1191	127	23.23	2952	193	21.44	4142
25-34 years	165	61	20.35	1248	183	30.37	5551	244	27.86	6799
35-44 years	72	75	21.17	1579	158	32.75	5188	233	29.05	6767
45-54 years	53	50	21.86	1102	152	26.60	3963	203	24.97	5065
55-64 years 1/	39	-	-	-	-	-	-	-	-	-
65 years and over 1/	16	-	-	-	-	-	-	-	-	-
Females:										
14-17 years	61	26	12.14	315	51	5.09	260	77	7.47	575
18-24 years	106	28	13.75	378	115	15.95	1836	143	15.53	2214
25-34 years 1/	48	-	-	-	-	-	-	-	-	-
35-44 years 1/	24	-	-	-	-	-	-	-	-	-
45-54 years 1/	14	-	-	-	-	-	-	-	-	-
55-64 years 1/	8	-	-	-	-	-	-	-	-	-
65 years and over 1/	10	-	-	-	-	-	-	-	-	-
usehold & migrant status:										
Household heads	516	61	20.72	1269	169	27.39	4619	230	25.61	5889
Migratory	50	63	23.82	1500	177	24.89	4416	248	24.61	5916
Nonmigratory	466	61	22.39	1245	168	27.66	4641	229	25.72	5886
Other household members:	675	43	15.64	669	87	16.30	1421	130	16.09	2090
Migratory	56	37	15.76	567	100	17.95	1789	137	17.36	2376
Nonmigratory	619	43	15.63	677	86	16.15	1388	129	15.97	2064
ars of education com-										
leted by workers over 25	469	54	20.60	1103	152	26.70	4183	206	25.19	5287
0-4 years 1/	42	-	-	-	-	-	-	-	-	-
5-8 years	161	63	19.78	1255	115	22.07	2539	179	21.26	3795
9-11 years	78	61	15.46	944	139	24.74	3433	200	21.91	4377
12 years	129	40	23.49	944	181	28.49	5157	221	27.58	6101
13 years and over	118	60	22.32	1341	141	32.36	5856	241	29.81	7197

1/ Averages not shown where base is less than 50,000 persons.

Table A-10. Hired farmworkers who did both farm and nonfarm work: Average number of days worked and earnings, by selected employment characteristics, 1976.

Selected characteristics	Number of workers	Farmwork			Nonfarm work			All work		
		Average days worked	Earnings		Average days worked	Earnings		Average days worked	Earnings	
			Daily	Annual		Daily	Annual		Daily	Annual
	Thou.	No.	Dollars		No.	Dollars		No.	Dollars	
ALL WORKERS	1191	51	16.30	929	122	22.92	2807	173	21.57	3736
Primary employment status:										
Farmwork	160	154	20.97	3231	61	20.66	1262	215	20.88	4492
Hired farmwork	137	175	21.27	3713	48	21.22	1014	222	21.24	4727
Without nonfarm work	0	0	0.00	0	0	0.00	0	0	0.00	0
With farm work	137	175	21.27	3713	48	21.22	1014	222	21.24	4727
Other farmwork 1/ 2/	24	-	-	-	-	-	-	-	-	-
Nonfarm work	458	35	17.91	623	206	27.11	5582	241	25.78	6204
Unemployed 2/	32	-	-	-	-	-	-	-	-	-
Not in labor force	541	35	15.05	521	73	13.55	995	108	14.83	1616
Keeping house	72	21	17.49	378	64	15.59	995	85	16.06	1363
Attending school	420	36	14.53	528	73	11.57	847	110	12.55	1375
Other 2/	49	-	-	-	-	-	-	-	-	-
Residence, sex and days of farmwork:										
All workers:										
Less than 25 days	637	9	16.40	152	140	22.96	3285	149	22.55	3357
25-74 days	303	44	16.65	737	116	22.94	2664	160	21.21	3408
75-149 days	124	105	19.55	2060	102	23.72	2413	207	21.60	4463
150-249 days	93	196	19.43	3799	82	21.42	1753	277	20.02	5552
250 days and over 2/	33	-	-	-	-	-	-	-	-	-
Nonfarm residence	1045	46	17.11	853	127	23.20	2942	172	22.16	3795
Less than 25 days	585	9	16.38	152	142	23.20	3298	151	22.78	3450
25-74	265	44	16.70	734	121	23.39	2827	165	21.60	3560
75-149	105	107	19.72	2106	96	22.26	2222	202	21.39	4328
150-249	72	193	20.00	3867	89	22.25	1977	282	20.71	5844
250 days and over 2/	18	-	-	-	-	-	-	-	-	-
Males:										
Less than 25 days	465	9	17.03	159	152	24.60	3730	161	24.16	3888
25-74 days	219	45	17.76	793	129	24.68	3167	174	22.90	3979
75-149 days	115	105	19.57	2061	105	24.48	2560	210	22.02	4621
150-249 days	88	196	19.86	3981	83	21.79	1600	279	20.43	5700
250 days and over 2/	33	-	-	-	-	-	-	-	-	-
Females:										
Less than 25 days	172	9	14.67	135	107	16.71	1790	116	15.54	1925
25-74 days	84	43	13.67	591	82	15.78	1296	125	15.05	1886
75 days and over 2/	15	-	-	-	-	-	-	-	-	-
Migratory status and duration of hired farmwork:										
Migratory	106	49	18.56	1017	136	22.31	3025	186	21.60	4042
Less than 25 days 2/	45	-	-	-	-	-	-	-	-	-
25-74 days 2/	36	-	-	-	-	-	-	-	-	-
75-149 days 2/	18	-	-	-	-	-	-	-	-	-
150 days and over 2/	7	-	-	-	-	-	-	-	-	-
Nonmigratory	1085	51	17.15	921	121	22.91	2785	172	21.82	3706
Less than 25 days	592	9	16.32	152	139	23.06	3195	148	22.64	3347
25-149 days	374	62	18.02	1112	110	23.28	2555	171	21.39	3668
150-249 days	87	195	18.81	3667	81	21.08	1690	275	19.95	5357
250 days and over 2/	33	-	-	-	-	-	-	-	-	-

1/ Includes operating a farm and unpaid family labor.
2/ Averages not shown where base is less than 50,000 persons.

le A-11. Hired farmworkers who did both farm and nonfarm work: Average number of days worked and earnings, by regions and racial/ethnic groups, 1976

Selected characteristics	Number of workers	Farmwork			Nonfarm work			All work		
		Average days worked	Earnings		Average days worked	Earnings		Average days worked	Earnings	
			Daily	Annual		Daily	Annual		Daily	Annual
	Thou.	No.	Dollars		No.	Dollars		No.	Dollars	
WORKERS	1191	51	18.23	929	122	22.61	2807	173	21.43	3736
r Census Regions:										
ortheast	54	53	13.60	708	109	19.68	2148	161	17.76	2856
Whites	85	55	13.31	726	110	19.92	2092	164	17.13	2818
Hispanics 1/	2	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	7	-	-	-	-	-	-	-	-	-
orth Central	378	50	17.76	896	137	25.58	3521	188	23.53	4417
Whites	369	50	17.76	898	138	25.65	3544	188	23.55	4432
Hispanics 1/	4	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	6	-	-	-	-	-	-	-	-	-
outh	457	51	18.53	940	114	20.76	2391	164	20.18	3331
Whites	310	48	19.52	945	122	22.08	2687	170	21.35	3612
Hispanics 1/	41	-	-	-	-	-	-	-	-	-
Blacks and Others	105	47	15.34	715	106	18.47	1995	152	17.79	2710
est	262	51	20.02	1038	121	22.58	2737	172	21.92	3775
Whites	222	49	19.51	961	123	23.64	2902	172	22.46	3863
Hispanics 1/	34	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	7	-	-	-	-	-	-	-	-	-
ndard Federal Regions:										
egion I 1/	39	-	-	-	-	-	-	-	-	-
White 1/	39	-	-	-	-	-	-	-	-	-
Hispanics	0	0	0.00	0	0	0.00	0	0	0.00	0
Blacks and Others	0	0	0.00	0	0	0.00	0	0	0.00	0
egion II 1/	33	-	-	-	-	-	-	-	-	-
White 1/	28	-	-	-	-	-	-	-	-	-
Hispanics 1/	2	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	3	-	-	-	-	-	-	-	-	-
egion III 1/	47	-	-	-	-	-	-	-	-	-
White 1/	38	-	-	-	-	-	-	-	-	-
Hispanics	0	0	0.00	0	0	0.00	0	0	0.00	0
Blacks and Others 1/	9	-	-	-	-	-	-	-	-	-
egion IV	259	49	17.49	862	106	20.27	2143	155	19.38	3005
Whites	169	47	18.60	883	106	21.01	2217	153	20.26	3100
Hispanics 1/	2	-	-	-	-	-	-	-	-	-
Blacks and Others	88	51	15.25	783	107	18.96	2036	159	17.76	2819
egion V	239	46	16.98	786	141	26.52	3752	188	24.14	4538
Whites	235	46	17.04	789	142	26.71	3784	188	24.33	4573
Hispanics 1/	1	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	3	-	-	-	-	-	-	-	-	-
egion VI	184	56	20.24	1136	115	20.51	2352	171	20.42	3488
Whites	128	53	20.72	1093	131	21.74	2859	184	21.45	3952
Hispanics 1/	45	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	12	-	-	-	-	-	-	-	-	-
egion VII	117	56	18.67	1053	138	24.21	3330	194	22.60	4383
Whites	114	57	18.67	1060	138	23.86	3289	195	22.34	4349
Hispanics 1/	2	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	1	-	-	-	-	-	-	-	-	-
egion VIII	80	69	19.05	1326	116	21.13	2449	195	20.35	3769
Whites	74	70	18.52	1292	116	21.27	2477	196	20.24	3748
Hispanics 1/	4	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	2	-	-	-	-	-	-	-	-	-
egion IX	97	54	21.89	1178	124	23.45	2912	178	22.98	4090
Whites	66	49	20.65	1005	131	25.88	3394	180	24.47	4399
Hispanics 1/	26	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	5	-	-	-	-	-	-	-	-	-
egion X	98	34	20.22	682	119	23.60	2807	153	22.85	3489
Whites	96	34	20.24	698	119	23.88	2836	153	23.81	3523
Hispanics	0	0	0.00	0	0	0.00	0	0	0.00	0
Blacks and Others 1/	2	-	-	-	-	-	-	-	-	-

1/ Averages not shown where base is less than 50,000 persons.

Table A-12. All hired farmworkers: Percentage distribution of daily farm earnings, by selected characteristics and regions, 1976

Selected characteristics	Number of workers	Daily farm earnings								
		Less than $8.00	$8.00-10.99	$11.00-13.99	$14.00-16.99	$17.00-19.99	$20.00-22.99	$23.00-25.99	$26.00 and over	Median earnings
	Thou.	Percent								Dol.
ALL WORKERS	2766	15	14	10	16	8	13	8	15	15.86
Ethnic group and sex:										
Whites	2859	16	15	9	17	7	12	8	15	15.59
Hispanics	310	10	6	7	12	10	16	14	25	20.97
Blacks and Others	397	17	15	15	17	11	15	6	6	14.97
Males	2085	15	13	9	16	8	14	8	17	16.48
Whites	1646	16	14	9	17	7	13	8	17	16.09
Hispanics	191	8	4	7	10	12	17	13	29	21.51
Blacks and Others	248	15	12	12	16	10	20	6	8	15.91
Females	681	16	20	13	18	8	8	8	9	14.13
Whites	413	16	22	15	19	8	7	7	6	13.73
Hispanics	119	12	10	7	15	6	15	16	19	19.61
Blacks and Others	149	21	19	20	15	12	6	5	2	12.44
Primary employment status:										
Farmwork	762	5	7	6	14	11	17	12	28	21.14
Hired farmwork	674	5	5	6	14	12	19	12	29	21.34
Without nonfarm work	548	4	6	6	14	11	18	11	29	21.51
With nonfarm work	137	6	5	9	11	15	18	14	23	20.74
Other farmwork 1/	86	12	16	5	21	5	3	13	24	16.33
Nonfarm work	458	13	13	10	14	8	15	10	17	14.98
Unemployed	60	5	15	12	21	14	11	16	11	16.46
Not in labor force	1486	22	19	12	18	6	10	6	8	13.41
Keeping house	244	13	21	18	21	5	8	8	7	13.70
Attending school	1089	26	19	11	16	6	10	5	8	12.56
Other	153	18	15	8	24	12	15	7	9	16.09
Age:										
14-17 years	818	29	19	11	18	6	8	4	5	11.61
18-24 years	619	12	13	8	16	10	16	9	16	17.26
25-34 years	429	9	10	8	16	9	13	14	21	19.31
35-44 years	217	6	12	13	16	5	16	4	23	18.40
45-54 years	202	5	11	10	16	11	16	6	24	19.39
55-64 years	173	8	14	10	16	7	16	8	21	18.03
65 years and over	109	17	17	13	17	7	8	10	11	14.44
Duration of farmwork:										
Less than 25 days	1145	20	19	11	19	5	10	7	10	14.07
25-74 days	652	14	16	11	20	10	11	7	12	15.35
75-149 days	347	15	11	9	12	10	18	9	16	18.07
150-249 days	290	12	6	6	13	13	17	15	18	19.79
250 days and over	333	8	7	9	10	8	15	9	35	21.76
Household and migrant status:										
Household heads	1071	8	10	3	15	8	16	11	24	19.84
Migratory	83	2	9	3	9	13	24	14	27	21.86
Nonmigratory	988	8	10	9	16	8	15	10	23	19.67
Other household members	1696	20	17	11	17	8	11	7	9	14.29
Migratory	130	24	18	9	17	6	7	7	17	15.31
Nonmigratory	1566	20	17	11	17	8	11	6	9	14.21

See footnote at the end of table.

Continued

ble A-12. All hired farmworkers: Percentage distribution of daily farm earnings, by selected characteristics and regions, 1976--continued

Selected characteristics	Number of workers	Daily farm earnings								
		Less than $8.00	$8.00-10.99	$11.00-13.99	$14.00-16.99	$17.00-19.99	$20.00-22.99	$23.00-25.99	$26.00 and over	Median earnings
	Thou.	Percent								Dol.
ur Census Regions:										
Northeast	223	16	22	8	27	8	7	5	8	14.48
Whites	209	16	23	8	25	8	8	5	8	14.33
Hispanics 2/	3	-	-	-	-	-	-	-	-	-
Blacks and Others 2/	11	-	-	-	-	-	-	-	-	-
North Central	748	19	17	9	16	7	12	10	11	15.89
Whites	721	19	16	9	16	7	12	10	11	15.06
Hispanics 2/	16	-	-	-	-	-	-	-	-	-
Blacks and Others 2/	11	-	-	-	-	-	-	-	-	-
South	1150	16	15	13	18	9	13	5	10	14.94
Whites	688	15	17	13	19	7	12	5	12	14.84
Hispanics	128	26	9	6	14	14	13	6	10	17.49
Blacks and Others	339	16	15	16	16	10	16	5	4	14.36
West	645	11	7	7	11	8	15	12	30	21.39
Whites	446	13	8	6	11	8	14	10	30	20.84
Hispanics	162	3	2	9	9	8	18	19	32	23.14
Blacks and Others 2/	37	-	-	-	-	-	-	-	-	-
tandard Federal Regions:										
Region I	77	15	18	11	24	7	11	5	8	14.63
Whites	75	16	19	12	22	7	11	5	6	14.52
Hispanics	0	0	0	0	0	0	0	0	0	0.00
Blacks and Others 2/	2	-	-	-	-	-	-	-	-	-
Region II	94	17	22	6	29	5	3	5	10	14.30
Whites	86	18	24	7	29	4	4	5	9	14.11
Hispanics 2/	3	-	-	-	-	-	-	-	-	-
Blacks and Others 2/	3	-	-	-	-	-	-	-	-	-
Region III	118	23	28	6	16	11	11	8	5	14.05
Whites	87	22	21	5	14	13	13	8	4	14.58
Hispanics 2/	1	-	-	-	-	-	-	-	-	-
Blacks and Others 2/	22	-	-	-	-	-	-	-	-	-
Region IV	678	16	17	16	20	9	11	2	8	14.08
Whites	389	15	20	14	24	6	8	2	11	14.16
Hispanics 2/	14	-	-	-	-	-	-	-	-	-
Blacks and Others	267	18	14	20	15	12	16	1	3	13.72
Region V	446	22	17	9	15	6	12	9	9	14.26
Whites	433	23	17	9	15	6	11	9	10	14.23
Hispanics 2/	9	-	-	-	-	-	-	-	-	-
Blacks and Others 2/	5	-	-	-	-	-	-	-	-	-
Region VI	440	14	12	9	15	9	16	10	15	16.97
Whites	260	12	13	12	13	8	17	8	16	16.83
Hispanics	124	28	9	7	15	15	12	9	15	16.75
Blacks and Others	56	7	16	0	23	5	20	23	8	19.94
Region VII	249	14	16	8	20	7	12	11	12	15.81
Whites	240	15	15	9	20	7	12	11	12	15.74
Hispanics 2/	5	-	-	-	-	-	-	-	-	-
Blacks and Others 2/	4	-	-	-	-	-	-	-	-	-
Region VIII	156	12	11	7	15	10	16	15	14	18.58
Whites	144	12	11	7	14	10	17	16	13	18.68
Hispanics 2/	8	-	-	-	-	-	-	-	-	-
Blacks and Others 2/	4	-	-	-	-	-	-	-	-	-
Region IX	320	6	4	6	11	7	15	12	39	23.18
Whites	151	10	6	5	12	4	12	3	47	23.42
Hispanics	145	2	2	7	9	8	20	20	33	23.49
Blacks and Others 2/	25	-	-	-	-	-	-	-	-	-
Region X	284	17	10	7	7	9	14	12	25	20.05
Whites	192	15	9	7	8	9	13	12	26	20.41
Hispanics 2/	1	-	-	-	-	-	-	-	-	-
Blacks and Others 2/	11	-	-	-	-	-	-	-	-	-

1/ Includes operating a farm and unpaid family labor.
2/ Percentages and medians not shown where base is less than 50,000 persons.

Table A-13. All hired farmworkers: Percentage distribution of total annual earnings, by selected characteristics and regions, 1976

Selected characteristics	Number of workers	Total annual earnings								
		Less than $500	$500-999	$1,000-2,499	$2,500-3,999	$4,000-5,499	$5,500-7,499	$7,500-9,999	$10,000 and over	Median earnings
	Thou.	Percent								Dol.
ALL WORKERS	2764	29	13	19	10	9	7	6	6	1691
Ethnic group and sex:										
Whites	2059	30	13	20	9	8	7	7	7	1598
Hispanics	318	19	14	18	14	13	12	5	5	2441
Blacks and Others	397	32	13	20	13	12	6	2	2	1349
Males	2085	24	12	19	10	11	9	7	8	2189
Whites	1646	26	12	19	9	9	8	8	9	1932
Hispanics	191	11	12	16	11	14	18	9	8	3752
Blacks and Others	248	23	13	17	16	17	9	2	4	2274
Females	681	42	16	21	10	5	2	2	1	739
Whites	413	43	16	21	8	4	3	3	2	709
Hispanics	119	32	18	17	18	12	2	0	1	1001
Blacks and Others	149	48	14	24	8	4	0	1	0	563
Primary employment status:										
Farmwork	762	7	4	14	18	19	17	13	7	4684
Hired farmwork	676	3	4	14	19	20	19	14	7	4772
Without nonfarm work	540	3	4	12	20	20	20	14	7	4842
With nonfarm work	137	2	2	22	15	23	18	10	8	4532
Other farmwork 1/	86	43	9	16	16	5	1	5	7	868
Nonfarm work	458	1	4	14	12	18	13	13	26	5731
Unemployed	60	24	27	32	10	4	2	0	0	578
Not in labor force	1486	49	20	23	5	2	1	1	0	530
Keeping house	244	54	16	23	5	1	1	1	0	461
Attending school	1089	48	21	23	5	2	1	0	0	535
Other	153	49	15	22	5	6	0	3	2	556
Age:										
14-17 years	818	57	23	16	4	1	0	0	0	438
18-24 years	819	15	11	26	12	13	10	7	4	2288
25-34 years	429	14	7	13	10	14	12	11	19	4664
35-44 years	217	16	7	14	15	17	8	8	16	3816
45-54 years	202	15	8	17	15	10	13	10	13	3529
55-64 years	173	18	8	20	18	14	8	11	3	2796
65 years and over	109	46	12	22	4	8	5	2	0	663
Duration of farmwork:										
Less than 25 days	1145	56	9	14	3	5	3	4	7	449
25-74 days	652	20	33	25	7	5	3	3	4	948
75-149 days	347	7	18	44	20	9	4	2	4	2111
150-249 days	290	0	2	16	26	32	16	6	3	4294
250 days and over	333	1	0	6	12	15	27	23	16	6682
Household and migrant status:										
Household heads	1071	12	5	14	11	15	15	12	15	4773
Migratory	83	5	4	16	17	8	15	11	22	5218
Nonmigratory	988	12	5	14	11	16	14	13	15	4732
Other household members	1696	40	18	23	9	5	3	2	1	811
Migratory	130	31	12	29	17	6	3	1	2	1371
Nonmigratory	1566	40	18	22	8	5	3	2	1	764

See footnotes at the end of table.

Continued

Table A-13. All hired farmworkers: Percentage distribution of total annual earnings, by selected characteristics and regions, 1976--continued

Selected characteristics	Number of workers	Total annual earnings								
		Less than $500	$500-999	$1,000-2,499	$2,500-3,999	$4,000-5,499	$5,500-7,499	$7,500-9,999	$10,000 and over	Median earnings
	Thou.	Percent								Dol.
Four Census Regions:										
Northeast	223	38	17	21	9	11	6	3	2	1184
Whites	209	38	17	21	9	12	7	3	1	1195
Hispanics 1/	3	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	11	-	-	-	-	-	-	-	-	-
North Central	749	33	10	20	6	7	6	9	10	1516
Whites	721	32	10	20	6	7	5	9	10	1598
Hispanics 1/	16	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	11	-	-	-	-	-	-	-	-	-
South	1150	31	13	20	11	10	7	3	4	1471
Whites	683	32	12	28	9	9	8	5	6	1474
Hispanics	128	24	17	23	15	8	9	2	3	1632
Blacks and Others	339	32	13	21	14	13	5	1	1	1396
West	645	20	15	16	13	11	10	8	7	2418
Whites	446	22	15	17	12	8	8	7	8	2894
Hispanics	162	11	13	15	15	17	16	6	7	3701
Blacks and Others 1/	37	-	-	-	-	-	-	-	-	-
Standard Federal Regions:										
Region I	77	34	24	17	5	7	6	6	2	835
Whites	75	35	22	18	5	7	6	6	2	846
Hispanics	0	0	0	0	0	0	0	0	0	0
Blacks and Others 1/	2	-	-	-	-	-	-	-	-	-
Region II	94	27	19	27	8	5	5	3	2	1228
Whites	88	27	20	25	9	9	6	2	2	1142
Hispanics 1/	3	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	3	-	-	-	-	-	-	-	-	-
Region III	110	32	9	11	9	20	9	4	7	2429
Whites	87	31	6	11	10	19	12	5	5	2788
Hispanics 1/	1	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	22	-	-	-	-	-	-	-	-	-
Region IV	670	35	14	24	11	9	5	3	3	1069
Whites	389	38	15	19	8	7	6	3	5	913
Hispanics 1/	14	-	-	-	-	-	-	-	-	-
Blacks and Others	267	32	13	22	13	12	4	1	2	1319
Region V	446	34	10	20	5	6	5	9	11	1486
Whites	433	33	10	20	5	6	5	9	12	1568
Hispanics 1/	9	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	5	-	-	-	-	-	-	-	-	-
Region VI	440	24	11	23	12	11	10	4	5	1973
Whites	260	22	8	24	12	12	9	5	8	2257
Hispanics	124	24	16	25	9	8	10	2	3	1451
Blacks and Others	56	31	10	16	13	10	13	2	0	1826
Region VII	249	32	9	21	7	8	6	8	9	1644
Whites	240	32	9	21	7	8	5	8	9	1608
Hispanics 1/	5	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	4	-	-	-	-	-	-	-	-	-
Region VIII	156	21	16	20	13	11	10	5	4	1950
Whites	144	20	17	21	12	11	10	5	4	1934
Hispanics 1/	8	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	4	-	-	-	-	-	-	-	-	-
Region IX	320	12	14	14	13	15	11	11	10	3573
Whites	151	16	14	14	9	12	7	17	12	3501
Hispanics	145	9	13	14	15	19	16	6	6	3857
Blacks and Others 1/	25	-	-	-	-	-	-	-	-	-
Region X	294	32	16	18	12	4	8	5	5	1147
Whites	192	38	17	18	13	4	8	5	6	1225
Hispanics 1/	1	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	11	-	-	-	-	-	-	-	-	-

1/ Includes operating a farm and unpaid family labor.
2/ Percentages and medians not shown where base is less than 50,000 persons.

Table A-14. All hired farmworkers: Percentage distribution of annual farm earnings, by selected characteristics and regions, 1976

Selected characteristics	Number of workers	Total annual farm earnings								
		Less than $500	$500-999	$1,000-2,499	$2,500-3,999	$4,000-5,499	$5,500-7,499	$7,500-9,999	$10,000 and over	Median earnings
	Thou.	Percent								Dol.
ALL WORKERS	2766	50	13	15	7	5	5	3	2	513
Ethnic group and sex:										
Whites	2030	54	13	14	6	4	4	3	2	467
Hispanics	310	27	13	18	12	12	8	5	5	155
Blacks and Others	397	47	15	14	12	5	5	0	1	597
Males	2085	45	13	16	7	6	6	4	3	683
Whites	1646	49	13	16	6	5	5	4	2	52
Hispanics	191	20	10	20	9	14	12	8	5	2836
Blacks and Others	248	37	15	16	14	7	8	0	2	941
Females	681	63	15	10	6	4	1	1	0	397
Whites	413	70	14	9	4	2	1	1	0	358
Hispanics	119	37	18	16	14	10	3	0	1	696
Blacks and Others	149	64	14	12	6	2	0	1	0	389
Primary employment status:										
Farmwork	762	18	6	14	19	17	16	11	7	4120
Hired farmwork	676	3	5	14	22	19	18	12	7	4462
Without nonfarm work	540	3	4	12	20	20	20	14	7	4962
With nonfarm work	137	5	10	22	26	15	12	4	4	3244
Other farmwork 1/	86	62	10	11	4	4	1	2	7	405
Nonfarm work	958	66	14	15	3	1	0	0	0	378
Unemployed	60	45	36	19	0	0	0	0	0	569
Not in labor force	1486	65	16	15	3	1	0	0	0	389
Keeping house	244	69	14	13	4	1	0	0	0	362
Attending school	1089	65	17	15	2	1	0	0	0	389
Other	153	61	15	22	2	1	0	0	0	410
Age:										
14-17 years	618	67	17	12	2	0	0	0	0	371
18-24 years	819	46	13	19	8	6	6	2	1	667
25-34 years	429	44	10	13	8	7	8	6	4	796
35-44 years	217	36	11	18	15	10	4	5	6	1376
45-54 years	202	34	9	15	10	6	11	8	6	1632
55-64 years	173	30	12	16	15	10	6	9	2	1780
65 years and over	109	55	15	15	4	5	3	2	0	457
Duration of farmwork:										
Less than 25 days	1145	97	3	0	0	0	0	0	0	258
25-74 days	652	35	43	21	0	0	0	0	0	672
75-149 days	367	8	11	56	21	3	1	0	0	1319
150-249 days	290	1	4	19	30	28	13	4	1	3821
250 days and over	333	1	1	7	12	15	27	23	15	6597
Household and migrant status:										
Household heads	1071	36	18	14	9	9	9	7	5	1381
Migratory	83	27	9	29	9	5	7	6	8	1729
Nonmigratory	988	37	18	13	9	9	10	7	4	1352
Other household members	1696	58	15	15	6	3	2	1	0	431
Migratory	130	53	11	22	11	2	1	0	1	478
Nonmigratory	1566	59	16	15	6	3	2	1	0	427

See footnotes at end of table.

Continued

le A-14. All hired farmworkers: Percentage distribution of annual farm earnings, by selected characteristics and regions, 1976--continued.

Selected characteristics	Number of workers	Total annual farm earnings								
		Less than $500	$500-999	$1,000-2,499	$2,500-3,999	$4,000-5,499	$5,500-7,499	$7,500-9,999	$10,000 and over	Median earnings
	Thou.	Percent								Dol.
r Census Regions:										
ortheast	223	53	15	12	8	3	3	2	1	474
Whites	209	53	15	12	9	4	4	1	1	472
Hispanics 1/	3	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	11	-	-	-	-	-	-	-	-	-
orth Central	740	58	12	14	4	4	4	3	1	433
Whites	721	58	12	14	4	4	4	3	1	434
Hispanics 1/	16	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	11	-	-	-	-	-	-	-	-	-
outh	1150	56	13	15	8	5	4	2	2	496
Whites	683	55	12	14	6	5	4	3	2	452
Hispanics	128	33	13	26	10	8	6	1	3	1222
Blacks and Others	339	47	14	15	13	6	4	8	1	688
est	645	38	15	16	8	6	7	6	4	989
Whites	446	45	16	17	6	3	5	7	2	672
Hispanics	162	18	12	14	14	17	11	6	7	3095
Blacks and Others 1/	37	-	-	-	-	-	-	-	-	-
ndard Federal Regions:										
Region I	77	64	28	5	4	3	1	1	1	393
Whites	75	65	18	5	4	3	1	1	1	383
Hispanics	0	0	0	0	0	0	0	0	0	0
Blacks and Others 1/	2	-	-	-	-	-	-	-	-	-
Region II	94	45	16	17	8	5	4	3	2	653
Whites	88	47	16	16	9	5	4	2	2	605
Hispanics 1/	3	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	3	-	-	-	-	-	-	-	-	-
Region III	110	35	8	15	7	6	6	2	1	433
Whites	87	32	9	16	7	6	7	2	1	479
Hispanics 1/	1	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	22	-	-	-	-	-	-	-	-	-
Region IV	478	55	14	12	9	4	3	1	2	437
Whites	389	61	13	10	6	4	3	1	2	412
Hispanics 1/	14	-	-	-	-	-	-	-	-	-
Blacks and Others	267	48	17	14	12	5	3	0	1	549
Region V	446	41	13	13	3	2	4	3	1	413
Whites	433	40	13	13	4	2	4	3	1	418
Hispanics 1/	9	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	5	-	-	-	-	-	-	-	-	-
Region VI	442	42	10	21	8	7	7	2	2	875
Whites	260	46	10	19	7	7	5	4	2	698
Hispanics	124	35	14	27	5	6	7	1	3	1056
Blacks and Others	56	49	3	13	19	0	13	0	0	1567
Region VII	249	56	10	15	4	6	4	4	2	458
Whites	248	56	10	15	4	7	3	3	2	444
Hispanics 1/	5	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	4	-	-	-	-	-	-	-	-	-
Region VIII	156	41	16	19	11	4	7	2	0	779
Whites	144	41	16	19	11	4	8	2	0	783
Hispanics 1/	8	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	4	-	-	-	-	-	-	-	-	-
Region IX	320	23	10	14	10	10	9	10	7	2000
Whites	191	35	17	14	5	4	5	14	6	944
Hispanics	145	15	13	14	14	18	12	6	8	3361
Blacks and Others 1/	25	-	-	-	-	-	-	-	-	-
Region X	264	37	15	17	3	1	3	4	0	439
Whites	192	35	16	17	3	1	3	4	0	452
Hispanics 1/	1	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	11	-	-	-	-	-	-	-	-	-

1/ Includes operating a farm and unpaid family labor.
2/ Percentages and medians not shown where base is less than 50,000 persons.

Table A-15. Hired farmworkers who did both farm and nonfarm work: Percentage distribution of annual nonfarm earnings, by selected charcteristics and regions, 1976

Selected characteristics	Number of workers	Total annual nonfarm earnings								
		Less than $500	$500-999	$1,000-2,499	$2,500-3,999	$4,000-5,499	$5,500-7,499	$7,500-9,999	$10,000 and over	Median earnings
	Thou.	Percent								Dol.
ALL WORKERS	1191	30	13	22	7	6	5	6	9	1495
Ethnic group and sex:										
Whites	986	29	12	22	7	7	5	7	10	1619
Hispanics	80	39	15	25	9	7	4	0	0	847
Blacks and Others	125	28	20	24	7	13	2	3	4	1136
Males	920	26	12	22	7	9	6	7	11	1799
Whites	782	26	11	22	7	8	6	8	12	1877
Hispanics	68	36	15	26	11	7	5	0	0	970
Blacks and Others	78	23	13	26	7	17	3	5	6	1603
Females	271	40	18	23	8	4	3	3	2	778
Whites	203	40	15	23	9	3	4	4	3	834
Hispanics 1/	20	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	47	-	-	-	-	-	-	-	-	-
Primary employment status:										
Farmwork	140	38	19	29	9	4	0	2	0	826
Hired farmwork	137	41	22	27	8	2	0	0	0	711
Without nonfarm work	0	0	0	0	0	0	0	0	0	0
With nonfarm work	137	41	22	27	8	2	0	0	0	711
Other farmwork 1/ 2/	24	-	-	-	-	-	-	-	-	-
Nonfarm work	458	3	5	18	11	17	11	13	22	5242
Unemployed 1/	32	-	-	-	-	-	-	-	-	-
Not in labor force	541	50	18	23	4	2	1	2	0	497
Keeping house	78	53	14	24	4	0	5	0	0	468
Attending school	420	52	19	23	2	2	1	1	0	485
Other 1/	49	-	-	-	-	-	-	-	-	-
Age:										
14-17 years	254	78	16	12	1	1	0	0	0	358
18-24 years	468	28	15	30	8	9	7	7	3	1754
25-34 years	233	12	8	20	10	9	6	12	24	4018
35-44 years	96	23	5	17	9	17	2	4	21	3395
45-54 years	67	21	8	20	14	7	10	4	17	2684
55-64 years 1/	47	-	-	-	-	-	-	-	-	-
65 years and over 1/	26	-	-	-	-	-	-	-	-	-
Duration of farmwork:										
Less than 25 days	637	28	12	20	6	9	6	8	11	1718
25-74 days	303	27	14	24	11	8	4	6	7	1575
75-149 days	124	32	16	21	9	7	5	3	7	1103
150-249 days	93	32	15	34	7	5	2	2	3	1150
250 days and over 1/	33	-	-	-	-	-	-	-	-	-
Household and migrant status:										
Household heads	516	13	7	20	10	13	7	11	19	3984
Migratory	90	12	6	26	9	17	3	4	23	3485
Nonmigratory	466	13	7	20	10	12	7	12	19	4637
Other household members	675	42	18	24	6	4	4	2	1	717
Migratory	56	29	19	35	2	6	4	3	1	1051
Nonmigratory	619	44	18	23	6	4	3	2	1	684

See footnotes at the end of table.

Continued

A-15. Hired farmworkers who did both farm and nonfarm work: Percentage distribution of annual nonfarm earnings, by selected characteristics and regions, 1976--Continued

Selected characteristics	Number of workers	Total annual nonfarm earnings								
		Less than $500	$500-999	$1,000-2,499	$2,500-3,999	$4,000-5,499	$5,500-7,499	$7,500-9,999	$10,000 and over	Median earnings
	Thou.	Percent								Dol.
Census Regions:										
rtheast	94	33	20	20	1	12	6	4	3	924
Whites	85	33	18	22	2	13	7	5	1	981
Hispanics 1/	2	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	7	-	-	-	-	-	-	-	-	-
rth Central	378	28	10	22	7	4	4	10	15	1880
Whites	369	28	11	21	7	4	4	10	15	1812
Hispanics 1/	4	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	6	-	-	-	-	-	-	-	-	-
uth	457	32	14	23	7	10	5	4	6	1276
Whites	310	31	12	22	7	9	6	5	8	1453
Hispanics 1/	41	-	-	-	-	-	-	-	-	-
Blacks and Others	105	27	20	24	7	13	2	3	1	1184
st	262	27	13	22	11	9	6	4	8	1692
Whites	222	27	11	22	11	9	6	5	9	1809
Hispanics 1/	34	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	7	-	-	-	-	-	-	-	-	-
ndard Federal Regions:										
egion I 1/	39	-	-	-	-	-	-	-	-	-
Whites 1/	39	-	-	-	-	-	-	-	-	-
Hispanics	0	0	0	0	0	0	0	0	0	0
Blacks and Others	0	0	0	0	0	0	0	0	0	0
egion II 1/	33	-	-	-	-	-	-	-	-	-
Whites 1/	26	-	-	-	-	-	-	-	-	-
Hispanics 1/	2	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	5	-	-	-	-	-	-	-	-	-
egion III 1/	47	-	-	-	-	-	-	-	-	-
Whites 1/	38	-	-	-	-	-	-	-	-	-
Hispanics	0	0	0	0	0	0	0	0	0	0
Blacks and Others 1/	9	-	-	-	-	-	-	-	-	-
egion IV	259	32	16	25	7	7	5	5	3	1119
Whites	169	36	14	23	6	5	6	6	4	1013
Hispanics 1/	2	-	-	-	-	-	-	-	-	-
Blacks and Others	88	25	19	29	8	11	2	4	2	1331
egion V	238	26	9	25	5	2	5	12	16	1905
Whites	235	26	9	24	5	2	5	12	16	1915
Hispanics 1/	1	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	3	-	-	-	-	-	-	-	-	-
egion VI	184	36	11	22	9	6	5	2	7	1201
Whites	128	28	11	24	9	9	6	5	10	1669
Hispanics 1/	43	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	12	-	-	-	-	-	-	-	-	-
egion VII	117	29	13	17	9	6	3	8	15	1700
Whites	114	29	13	17	9	6	3	8	14	1681
Hispanics 1/	2	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	1	-	-	-	-	-	-	-	-	-
egion VIII	80	35	9	21	11	9	3	6	6	1436
Whites	74	35	9	21	11	8	2	7	6	1407
Hispanics 1/	4	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	2	-	-	-	-	-	-	-	-	-
egion IX	97	22	13	26	6	14	7	3	8	1646
Whites	66	22	9	23	8	16	6	4	12	2229
Hispanics 1/	26	-	-	-	-	-	-	-	-	-
Blacks and Others 1/	5	-	-	-	-	-	-	-	-	-
egion X	98	25	16	19	14	5	8	4	8	1654
Whites	96	26	16	19	14	5	8	4	8	1708
Hispanics	0	0	0	0	0	0	0	0	0	0
Blacks and Others 1/	2	-	-	-	-	-	-	-	-	-

1/ Percentages and medians not shown where base is less than 50,000 persons.
2/ Includes operating farm and unpaid family labor.

Table A-16. Migrant hired farmworkers: Number by distances traveled to perform farmwork and selected characteristics, 1976

Selected characteristics	Number of workers	Distance traveled 1/			
		Less than 75 miles	75 to 499 miles	500 to 999 miles	1,000 or more miles
	Thousands				
ALL WORKERS	213	47	77	26	63
Ethnic group and sex:					
Whites	122	45	51	14	12
Hispanics	77	2	22	6	47
Blacks and Others	15	0	4	6	4
Primary employment status:					
Farmwork	64	11	25	8	20
Hired farmwork	63	11	24	8	20
Without nonfarm work	50	7	22	7	14
With nonfarm work	12	4	2	0	6
Other farmwork 2/	1	0	1	0	0
Nonfarm work	50	16	11	6	15
Unemployed	8	0	3	2	3
Not in labor force	91	19	37	9	25
Keeping house	10	3	5	3	7
Attending school	68	17	30	5	16
Other	5	0	3	0	2
Sex and age:					
Males	151	35	67	18	41
14-17 years	31	9	9	1	12
18-24 years	54	17	29	4	4
25-34 years	30	7	9	6	9
35-44 years	17	2	1	7	7
45-54 years	11	0	8	0	4
55 years and over	4	0	3	0	2
Females	62	12	10	8	22
14-17 years	17	2	5	1	8
18-24 years	22	6	4	5	4
25-34 years	9	0	6	0	3
35-44 years	7	0	1	0	6
45-54 years	4	1	1	0	2
55 years and over	3	0	1	2	0
Household status:					
Household heads	83	22	27	15	19
Other household members	130	25	49	11	45
Duration of farmwork:					
Less than 25 days	66	17	26	8	16
25-74 days	66	16	19	2	23
75-149 days	53	6	18	11	18
150-249 days	13	3	1	2	7
250 days and over	21	5	13	3	0
Earnings:					
Less than $500	45	10	15	3	16
$500-999	19	5	4	2	8
$1,000-2,499	58	4	24	6	17
$2,500-3,999	38	7	14	5	12
$4,000-5,499	14	4	4	4	2
$5,500-7,499	17	7	5	2	4
$7,500-9,999	11	5	2	1	3
$10,000 and over	19	5	9	3	1
Earnings from farmwork:					
Less than $500	111	32	42	10	28
$500-999	21	4	8	3	7
$1,000-2,499	53	9	15	8	21
$2,500-3,999	21	2	9	5	5
$4,000-5,499	7	3	2	0	2
$5,500-7,499	7	0	5	2	0
$7,500-9,999	5	0	2	1	2
$10,000 and over	9	4	5	0	0
Earnings from nonfarm work:					
Less than $500	43	6	10	5	12
$500-999	23	4	8	0	10
$1,000-2,499	63	10	23	7	23
$2,500-3,999	16	6	4	4	1
$4,000-5,499	19	6	3	2	9
$5,500-7,499	19	7	7	3	2
$7,500-9,999	12	4	3	0	5
$10,000 and over	21	4	9	5	2
Standard Federal Regions:					
Region I	1	0	0	0	1
Region II	3	0	3	0	0
Region III	12	5	1	2	3
Region IV	25	7	9	1	7
Region V	18	8	7	2	2
Region VI	83	8	18	9	47
Region VII	11	6	3	1	0
Region VIII	19	6	8	3	2
Region IX	31	2	21	7	2
Region X	9	4	5	0	0

1/ Distance traveled is the distance traveled by workers from the time they left their home-site until the time they reached the place that was the longest distance away from their home. Distance traveled does not include miles to return to home-site.

2/Includes operating a farm and unpaid family labor.

APPENDIX B: SOURCE AND RELIABILITY OF ESTIMATES

Source of Data

The estimates in this report are based on data obtained in December 1976 from supplementary questions in the Current Population Survey (CPS) of the Bureau of the Census.

The CPS sample was initially selected from 1970 Census files and is updated continuously to reflect new home construction. This sample includes 616 areas comprising 1,113 counties and independent cities in each State and the District of Columbia. 1/ Information is collected by trained interviewers from approximately 54,000 U.S. households each month. 2/

The supplementary questions on the December survey were asked of persons 14 years of age or older who performed farmwork for wages or salary during 1976. Questions concerned the number of days of farmwork for wage or salary, migratory status, hired nonfarm work and wages, principal employment status in 1976, residence, and other matters. Not included were persons performing hired farmwork during 1976 but who died, entered the Armed Forces, or were no longer in the civilian noninstitutional population for other reasons. Also, foreign nationals who did hired farmwork in this country and returned to their homes before the field collection were not included.

The estimating procedure used for the CPS data involves the expansion of the weighted sample results to independent estimates of the U.S. civilian noninstitutional population by age, race, and sex. These independent estimates are based on statistics from the 1970 Census of Population; statistics on births, deaths, immigration and emigration; and statistics on the number of people in the Armed Forces.

1/The survey does not include Puerto Rico or other territories or possessions of the United States.

2/For a detailed explanation of the CPS sampling procedures, see U.S. Bureau of the Census, The Current Population Survey--A Report on Methodology. Paper 7, U.S. Government Printing Office, 1963.

Reliability of the Estimates

Since the CPS estimates in this report are based on a sample, they may differ somewhat from the figures that would have been obtained from a complete census even if it had been taken using the same schedules, instructions, and enumerators. There are two types of errors possible in an estimate based on a sample survey--sampling and nonsampling. Sampling standard errors are provided for data in this report, but the extent of nonsampling error is unknown. Consequently, particular care should be exercised in the interpretation of figures based on a relatively small number of cases or on small differences between estimates.

Nonsampling Variability

As in any survey work, results are subject to errors of response and nonreporting in addition to sampling variability. Nonsampling errors can be attributed to many sources (for instance, inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness to provide correct information on the part of respondents, inability of respondents to recall information, mistakes made in collection such as in recording or coding the data, mistakes made in processing data, mistakes made in estimating values for missing data, and failure to represent all units in the sample).

Sampling Variability

Since the size of most nonsampling errors is unknown, the reliability of an estimate is described only in terms of standard errors. These are primarily measures of sampling variability, that is, of the variations that might occur by chance because a sample, rather than the whole of the population, is surveyed. As calculated for this report, the standard error also partially measures the effect of certain response and enumeration errors, but it does not

measure any systematic biases in the data. The chances are about 68 out of 100 that an estimate from the sample would differ from a complete census figure by less than the standard error. The chances are about 90 out of 100 that this difference would be less than 1.6 times the standard error, and the chances are about 95 out of 100 that the difference would be less than twice the standard error.

Comparability With Other Data

Data obtained from the CPS are not entirely comparable with data obtained from other governmental sources. This is due in large part to differences in survey processes. Therefore, caution should be used when comparing data in this report with data from other sources.

Standard Error Tables and Their Use

The figures presented in appendix tables B-1 through B-5 provide approximations of standard errors of various estimtes shown in this report for data on total, White, or Black and Other hired farmworkers. To obtain standard errors for workers of Hispanic origin, multiply the standard errors in appendix tables B-1 through B-5 by 1.6.

Standard errors for values not shown in the standard errors tables may be approximated by interpolation. To derive standard errors that would be applicable to a wide variety of items and could be prepared at a moderate cost, a number of approximations were required. As a result, the tables of standard errors (along with the factor for persons of Hispanic origin) provide an indication of the size of the standard errors rather than the precise standard error for any specific item.

Standard Errors of Estimated Numbers

Appendix table B-1 shows standard errors, σx, for estimated number of hired farmworkers. Linear interpolation may be used to obtain standard errors for intermediate values not shown in the tables.

Appendix table B-1. Standard errors for estimated numbers of hired farmworkers

(68 chances out of 100)

Size of estimate	Standard error
25,000.....	9,000
50,000.....	13,000
100,000.....	18,000
250,000.....	29,000
500,000.....	43,000
1,000,000.....	65,000
2,500,000.....	121,000
3,000,000.....	139,000

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.6.

Alternatively, standard errors can be calculated using the following formula (1) which was used to compute the tabular standard errors. Direct computation will give more accurate results than linear interpolation.

$$\sigma x = c\sqrt{ax^2 + bx} \qquad (1)$$

Here x is the actual size of the estimate (not rounded to thousands): a is 0.001128; b is 3072.5806; and c is 1.0 for total, White, or Black and Other persons and 1.6 for persons of Hispanic origin. Formula (1) is used to calculate standard errors for estimated numbers of hired farmworkers only.

Standard Errors of Estimated Percentages

Appendix table B-2 shows standard errors of estimated percentages of hired farmworkers. The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends on both the size of the percentage and the size of the total on which the percentage was based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. Linear interpolation may be used to obtain standard errors for inter-

mediate values of the percentages and the base of the percentage shown in appendix table B-2. Or standard errors, $\sigma(x,p)$ can be calculated using formula (2). Direct computation will give more accurate results than linear interpolation.

$$\sigma(x,p) = c\sqrt{\frac{b}{x}\, p\,(100-p)} \qquad (2)$$

Here x is the actual size (not rounded to thousands) of the subclass of the population which is the base of the percentage; p is the percentage ($0 \leq p \leq 100$); b is 3072.5806; and c is 1.0 for total, White, or Black and Other persons and 1.6 for persons of Hispanic origin. Formula (2) is used to calculate standard errors for estimated percentages of hired farmworkers only.

Standard Errors of Estimated Averages

Averages are subject to large sampling variability since the sample estimates of an average are affected by extreme values. Appendix table B-3 shows standard errors of average number of days of hired farmwork. Appendix table B-4 shows standard errors of average annual earnings. Appendix table B-5 shows standard errors of average daily earnings. Linear interpolation may be used to obtain standard errors for intermediate values not shown.

Illustration of Use of Standard Error Tables

Table 1 of this report shows 2,767,000 persons who performed hired farmwork in 1976. Interpolation of data in appendix table B-1 shows the standard error for an estimate of this size to be approximately 131,000. Thus, the chances are 68 out of 100 that the estimate would have been a figure differing from a complete census figure by less than 131,000. The chances are 95 out of 100 that the estimate would have differed from a complete census figure by less than 262,000 (twice the standard error).

Table 1 also shows 41 percent of the farmworkers worked fewer than 25 days. Interpolation in appendix table B-2 indicates the standard error for 41 percent of a base of 2,767,000 would be approximately 1.6 percent. Consequently, chances are 68 out of 100 that the estimated 41 percent would have differed from a complete census figure by less than 1.6 percent; chances are 95 out of 100 that the estimate would have differed from a complete census figure by less than 3.2 percent. For example, the 95 percent confidence interval would be from 37.8 to 44.2 percent.

Standard Error of a Difference

For a difference between two sample estimates, the standard error is approximately equal to the square root of the sum of the squared standard errors of the estimates. The estimate can be of numbers, percentages, averages, etc. This method will represent the actual standard error quite accurately for the difference between two estimates of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error.

Illustration of the Computation of the Standard Error of a Difference

Appendix table A-5 shows that 12 percent of farmworkers worked 250 days and over. The apparent differences between the workers who worked less than 25 days (41 percent) and those who worked 250 days and over is 29 percentage points.

Appendix table B-2 shows, by interpolation, the standard error for 12 percent on a base of 2,767,000 to be approximately 1 percent (σx). The standard error for 41 percent is 3.2 percent (σy). To get the standard error of the estimated difference, formula (3) for the standard error of a difference is used as follows:

$$\sigma(x-y) = \sqrt{\sigma x^2 + \sigma y^2} \qquad (3)$$

Therefore, the standard error of the estimated difference is

Appendix table B-2. Standard errors of percentages of hired farmworkers

(68 chances out of 100)

Estimated percentage	Base of percentage in thousands							
	25	50	100	250	500	1,000	2,500	3,000
	Percent							
2 or 98...	4.9	3.5	2.4	1.6	1.1	0.8	0.5	0.4
5 or 95...	7.6	5.4	3.8	2.4	1.7	1.2	0.8	0.7
10 or 90...	10.5	7.4	5.3	3.3	2.4	1.7	1.1	1.0
15 or 85...	12.5	8.9	6.3	4.0	2.8	2.0	1.3	1.1
20 or 80...	14.0	9.9	7.0	4.4	3.1	2.2	1.4	1.3
25 or 75...	15.2	10.7	7.6	4.8	3.4	2.4	1.5	1.4
35 or 65...	16.7	11.8	8.4	5.3	3.7	2.6	1.7	1.5
50.....	17.5	12.4	8.8	5.5	3.9	2.8	1.8	1.6

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.6.

Appendix table B-3. Standard errors of average number of days of hired farmwork

(68 chances out of 100)

Average number of days of hired farmwork per year per worker	Base of average in thousands of hired farmworkers						
	50	100	250	500	1,000	2,500	3,000
	Number						
10.....	1.2	1.0	0.7	0.5	0.4	0.3	0.2
25.....	3.5	3.1	2.2	1.5	1.3	0.9	0.7
50.....	10.2	7.2	5.7	4.0	3.4	2.3	2.0
100.....	19.2	13.6	9.6	6.8	5.0	3.3	2.9
150.....	19.7	14.0	9.5	6.8	3.6	2.4	2.1
200.....	15.5	11.0	7.0	5.0	3.0	2.0	1.7
250.....	11.3	8.0	5.0	3.5	1.3	0.9	0.7
300.....	7.1	5.0	3.0	2.0	0.8	0.5	0.4

Note: Appendix table B-3 pertains to averages computed from distributions allowed to vary over the entire range of days worked. Standard errors for truncated distributions (e.g., workers with less than 25 days of hired farmwork) are somewhat smaller.

To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.6.

Appendix table B-4. Standard errors of average annual earnings from hired farmwork

(68 chances out of 100)

Average earnings from hired farmwork per year per worker	Base of average in thousands of hired farmworkers						
	50	100	250	500	1,000	2,500	3,000
	Dollars						
$ 150	31	22	14	10	9	6	5
250	58	41	26	19	16	11	10
500	118	84	53	41	35	23	21
750	178	126	80	64	54	36	33
1,000	219	155	98	85	68	45	41
2,000	314	223	141	132	96	64	58
3,000	331	235	149	138	99	66	60
4,000	340	241	153	141	100	67	61
5,000	344	244	155	142	100	67	61
6,000	346	245	156	142	100	67	61

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.6.

Appendix table B-5. Standard errors of average daily earnings from hired farmwork

(68 chances out of 100)

Average earnings from hired farmwork per day per worker	Base of average in thousands of hired farmworkers						
	50	100	250	500	1,000	2,500	3,000
	Dollars						
$ 5.00	.60	.42	.27	.19	.14	.09	.08
7.00	1.13	.81	.51	.36	.26	.17	.15
9.00	1.46	1.04	.66	.50	.35	.23	.20
11.00	1.52	1.08	.68	.53	.43	.28	.25
13.00	1.54	1.09	.69	.55	.47	.31	.27
15.00	1.57	1.11	.71	.56	.50	.33	.29
17.00	1.59	1.13	.73	.57	.52	.34	.30
19.00	1.61	1.15	.75	.59	.53	.35	.31
21.00	1.62	1.16	.76	.60	.54	.36	.31

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.6.

$$3.4 = \sqrt{(1)^2 + (3.2)^2}$$

This means the chances are 68 out of 100 that the estimated difference based on the sample would vary by 3.4 percentage points from the difference derived using complete census figures. Since the standard error of the estimated difference (3.4 percentage points) is less than the difference between the two estimates (29 percentage points), it can be concluded with 68 percent confidence that the percentage of hired farmworkers who worked less than 25 days in 1976 is greater than the percentage of workers who worked 250 days and over in 1976.

APPENDIX C. DEFINITIONS AND EXPLANATIONS

Hired Farmworkers: Persons 14 years old and over in the civilian noninstitutional population of the United States at the time of the survey who did any farmwork for cash wages or salary at any time in the year, even if only for 1 day.

Farmwork for Cash Wages or Salary: 1. Work done on any farm for cash wages or salary in connection with the production, harvesting, threshing, preparation for market, or delivery to market of agricultural products; 2. work done off the farm for a farmer by farmworkers, such as trips to town to buy feed, seeds, or fertilizer, or to handle other matters involved in running the farm business; 3. repairs of farm buildings, machinery, etc., performed by a hired farmworker when done along with the type of work specified in (1) and (2) above; and 4. managing a farm enterprise for cash salary.

Not included as farmwork for cash wages or salary are: 1. work performed by farm operators on their own farms, or "exchange" work between farmers; 2. work done exclusively for "pay in kind", 3. work done without pay on a family farm by a member of the farm operator's family (a small regular cash allowance is not considered as farm wages); 4. nonfarm work performed on a farm, such as the building of a farm structure, drilling a well, hauling agricultural products to market by commercial truckers, or domestic service in the home of a farmer; and 5. custom work, such as spraying, threshing, combining, etc., when a person is paid a combined rate for the use of equipment and labor.

Worker Classification:

Casual workers--persons who worked less than 25 days at farmwork.
Seasonal workers--persons who worked 25-149 days.
Regular workers--persons who worked 150-249 days.
Year-round workers--persons who worked 250 days or more.
(This report's use of the terms "seasonal" and "regular" differs from that in the Census of Agriculture, where "seasonal workers" refers to persons employed on one farm for less than 150 days during the year, and "regular workers" to those employed on one farm for 150 days or more during the year.)

Days of Hired Farm or Nonfarm Work: Days on which any hired farm or nonfarm work was reported. The work may have been for all or only part of a day.

Earnings from Farm or Nonfarm Work: Total cash wages or salary received for farmwork or for nonfarm work. Estimates of earnings do not include the value of perquisites received in connection with farmwork nor the value of fringe benefits received in connection with nonfarm work.

Principal Employment Status (termed "chief activity" in previous reports): Information on the principal employment status of hired farmworkers during the year was derived from the question, "What was ... doing most of 1976--working, keeping house, going to school, or something else?" If the initial response was "working", the

kind of work the person was doing most of the year was determined. Hired farmwork was recorded if most of a person's work was farmwork for cash wages or salary. Operating a farm was recorded if most of a person's working time was spent operating a farm (as a tenant, owner, or sharecropper). Nonfarm work was recorded if most of a person's working time was spent operating a nonfarm business in a profession, working without pay in a family nonfarm business, or working for pay (or pay in kind) in any nonfarm activity (such as manufacturing, trade, construction, domestic services, etc.). For the person who did not report "working" as the primary activity, information was obtained on what he or she was doing most of the year. Looking for work (unemployed) was reported for a person who spent most of the time without employment, but was actively looking for a job. Keeping house was reported for a person who spent most of the time doing his or her own housework. Going to school was reported for a person who spent most of the time during the year going to school. The category "other" was reported for a person who spent most of the time at some activity other than those named above.

Migratory Status: Migratory workers are, those who 1) left their home temporarily overnight to do hired farmwork in a different county within the same State or in a different State with the expectation of eventually returning home, or 2) had no usual place of residence, and did hired farmwork in two or more counties during the year. Nonmigratory workers are those who 1) did all their hired farmwork for the year in the same county in which they lived, 2) made a permanent move from one county to another during the year (even if they did hired farmwork in both counties), or 3) commuted daily across the county or State line to work and returned home each night.

Distance Traveled: The distance traveled to perform hired farmwork was determined by asking the respondent "What was the longest distance away from home that .... traveled while doing farm work for cash wages?" Interviewers were instructed to record the mileage traveled by the workers from the time they left their home-site until the time they reached the place that was the longest distance away from home. Distance traveled does not include miles to return to home-site.

Age: The age classification was based on the person's age at his or her last birthday.

Education Completed: Data on education completed in this report were derived from the combination of answers to questions concerning the highest grade of school attended by the person and whether or not that grade was finished. Questions on educational attainment apply only to progress in "regular" schools. Such schools include graded public, private, and parochial elementary, and high schools, whether day schools or night schools. Thus, regular schooling is that which may advance a person toward an elementary school certificate or a high school diploma, or a college, university, or professional school degree. Schooling in other than regular schools was counted only if the credits obtained were regarded as transferable to a school in the regular school system.

Racial/Ethnic Group: Refers to division of the population into three mutually exclusive groups--White, Hispanic, and Blacks and Others. "Ethnic origin" was determined for this report on the basis of a question that asked respondents their origin or descent. The answers to this question may produce results somewhat different from results based on inferred ethnic identification using such characteristics as country of birth of the person or his parents, language spoken in the home, or surname. Hispanic includes all those who identified themselves as Mexican American, Chicano, Mexican, Mexicano, Puerto Rican, Cuban, Central or South American, or other Hispanic. White refers to White persons other than those of Hispanic origin. Black and Other includes Blacks and Other groups such

as Indians, Chinese, Japanese, and others not of Hispanic origin. For simplicity of presentation, these groups are termed White, Hispanic and Black and Others.

Region: Hired farmworker information is presented in the report by two different regional aggregations of States: 1. the four Census regions and 2. the ten Standard Federal Regions.

States included in each of the four Census regions are as follows:
Northeast-- Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, Pennsylvania, and New Jersey; North Central--Ohio, Indiana, Illinois, Wisconsin, Michigan, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; South--Maryland, Delaware, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, and Texas; and West--Montana, Wyoming, Idaho, Colorado, New Mexico, Utah, Arizona, Nevada, Washington, Oregon, California, Hawaii, and Alaska.

The States included in each of the ten Standard Federal Regions are as follows:

Region I
- Connecticut
- Maine
- Masschusetts
- New Hampshire
- Rhode Island
- Vermont

Region II
- New Jersey
- New York

Region III
- Delaware
- District of Columbia
- Maryland
- Pennsylvania
- Virginia
- West Virginia

Region IV
- Alabama
- Florida
- Georgia
- Kentucky
- Mississippi
- North Carolina
- South Carolina
- Tennessee

Region V
- Illinois
- Indiana
- Michigan
- Minnesota
- Ohio
- Wisconsin

Region VI
- Arkansas
- Louisiana
- New Mexico
- Oklahoma
- Texas

Region VII
- Iowa
- Kansas
- Missouri
- Nebraska

Region VIII
- Colorado
- Montana
- North Dakota
- South Dakota
- Utah
- Wyoming

Region IX
- Arizona
- California
- Hawaii
- Nevada

Region X
- Alaska
- Idaho
- Oregon
- Washington

Residence: Residence is determined on the basis of the classification of the place in which the worker lived at the time of the survey. In the CPS, hired farmworkers were classified as living on farms (farm residents) if they lived in a rural territory on places of 10 or more acres of land from which at least $50 worth of agricultural products were sold in the reporting year. Also, included as farm residents are persons who lived on places of less than 10 acres if as much as $250 worth of agricultural products were sold from the place in the reporting year. Nonfarm-resident workers lived in urban places, rural towns or villages, or in the open country on places that did not meet the criteria for farm classification.

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